

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO: STUO-08512-ST	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>				8. UNIT or CA AGREEMENT NAME: UNIT #891008900A	
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE L.P.				9. WELL NAME and NUMBER: NBU 1022-13K-3T	
3. ADDRESS OF OPERATOR: 1368 S 1200 E CITY VERNAL STATE UT ZIP 84078			PHONE NUMBER: (435) 781-7024	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1754'FSL, 1666'FWL <i>637450X 39.946 484</i> <i>44228474 -109.391088</i> AT PROPOSED PRODUCING ZONE:				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 13 10S 22E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 27.7 MILES SOUTH OF OURAY, UTAH				12. COUNTY: UINTAH	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 1666'		16. NUMBER OF ACRES IN LEASE: 600.00		17. NUMBER OF ACRES ASSIGNED TO THIS WELL:	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) REFER TO TOPO C		19. PROPOSED DEPTH: 8,210		20. BOND DESCRIPTION: URLB0005237 22013542	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5293'GL		22. APPROXIMATE DATE WORK WILL START:		23. ESTIMATED DURATION:	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
12 1/4"	9 5/8	32.3#	H-40	2,100	265 SX CLASS G	1.18 YIELD	15.6 PPG
7 7/8"	4 1/2	11.6#	I-80	8,210	1710 SX 50/50 POZ	1.31 YIELD	14.3 PPG

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- | | |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN |
| <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

NAME (PLEASE PRINT) SHEILA UPCHEGO TITLE SENIOR LAND ADMIN SPECIALIST
SIGNATURE *[Signature]* DATE 7/31/2007

(This space for State use only)

API NUMBER ASSIGNED: 43-047-39489

**Approved by the
Utah Division of
Oil, Gas and Mining**

APPROVAL:

Date: 09-04-07
(See Instructions on Reverse Side)
By: *[Signature]*

RECEIVED
AUG 07 2007
DIV. OF OIL, GAS & MINING

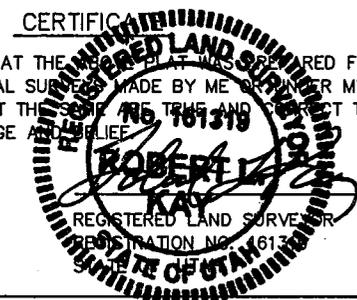
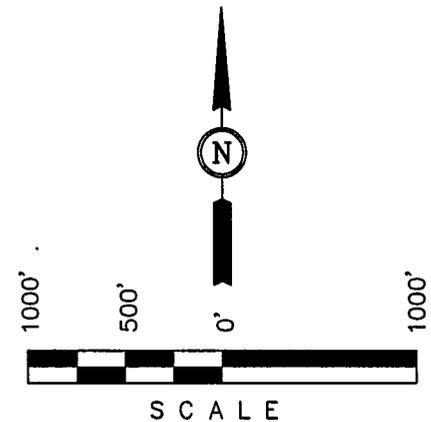
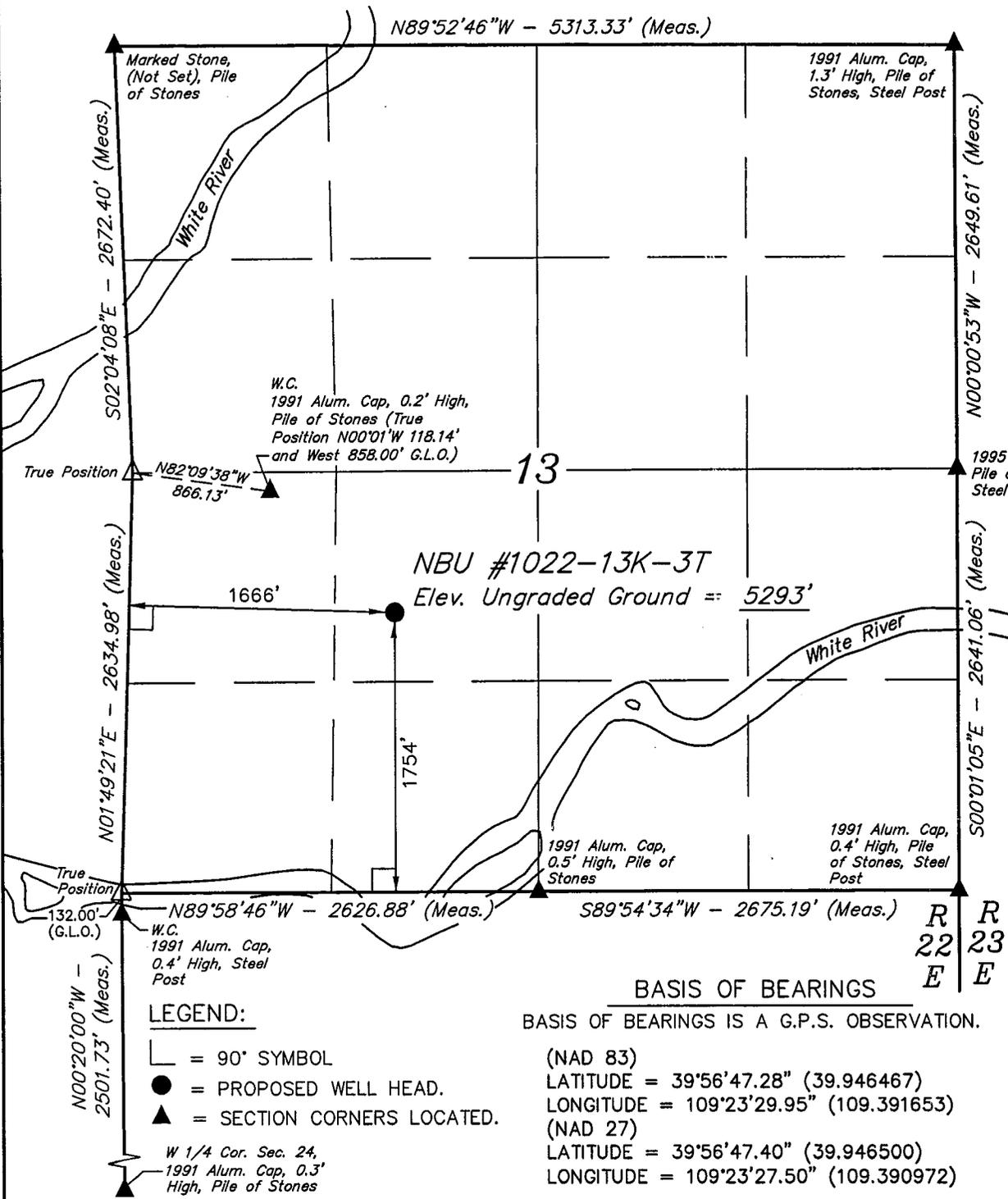
T10S, R22E, S.L.B.&M.

Kerr-McGee Oil & Gas Onshore LP

Well location, NBU #1022-13K-3T, located as shown in the NE 1/4 SW 1/4 of Section 13, T10S, R22E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.



BASIS OF BEARINGS
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

(NAD 83)
 LATITUDE = 39°56'47.28" (39.946467)
 LONGITUDE = 109°23'29.95" (109.391653)
 (NAD 27)
 LATITUDE = 39°56'47.40" (39.946500)
 LONGITUDE = 109°23'27.50" (109.390972)

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

UNTAH ENGINEERING & LAND SURVEYING		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 5-21-07	DATE DRAWN: 6-13-07
PARTY D.K. L.K. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE Kerr-McGee Oil & Gas Onshore LP	

**NBU 1022-13K-3T
NE/SW SEC. 13, T10S, R22E
UINTAH COUNTY, UTAH
UTSTUO-08512-ST**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	956'
Top of Birds Nest Water	1278'
Mahogany	1635'
Wasatch	4012'
Mesaverde	6250'
MVU2	7093'
MVL1	7649'
TD	8210'

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Water	Green River	956'
	Top of Birds Nest Water	1278'
	Mahogany	1635'
Gas	Wasatch	4012'
Gas	Mesaverde	6250'
Gas	MVU2	7093'
Gas	MVL1	7649'
Water	N/A	
Other Minerals	N/A	

3. Pressure Control Equipment (Schematic Attached)

Please refer to the attached Drilling Program.

4. Proposed Casing & Cementing Program:

Please refer to the attached Drilling Program.

5. Drilling Fluids Program:

Please refer to the attached Drilling Program.

The operator will use fresh water mud with 0-8% Bio Diesel.

6. **Evaluation Program:**

Please refer to the attached Drilling Program.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 8210' TD, approximately equals 5090 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3284 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

Drilling is planned to commence immediately upon approval of this application.

9. **Variances:**

Please refer to the attached Drilling Program.

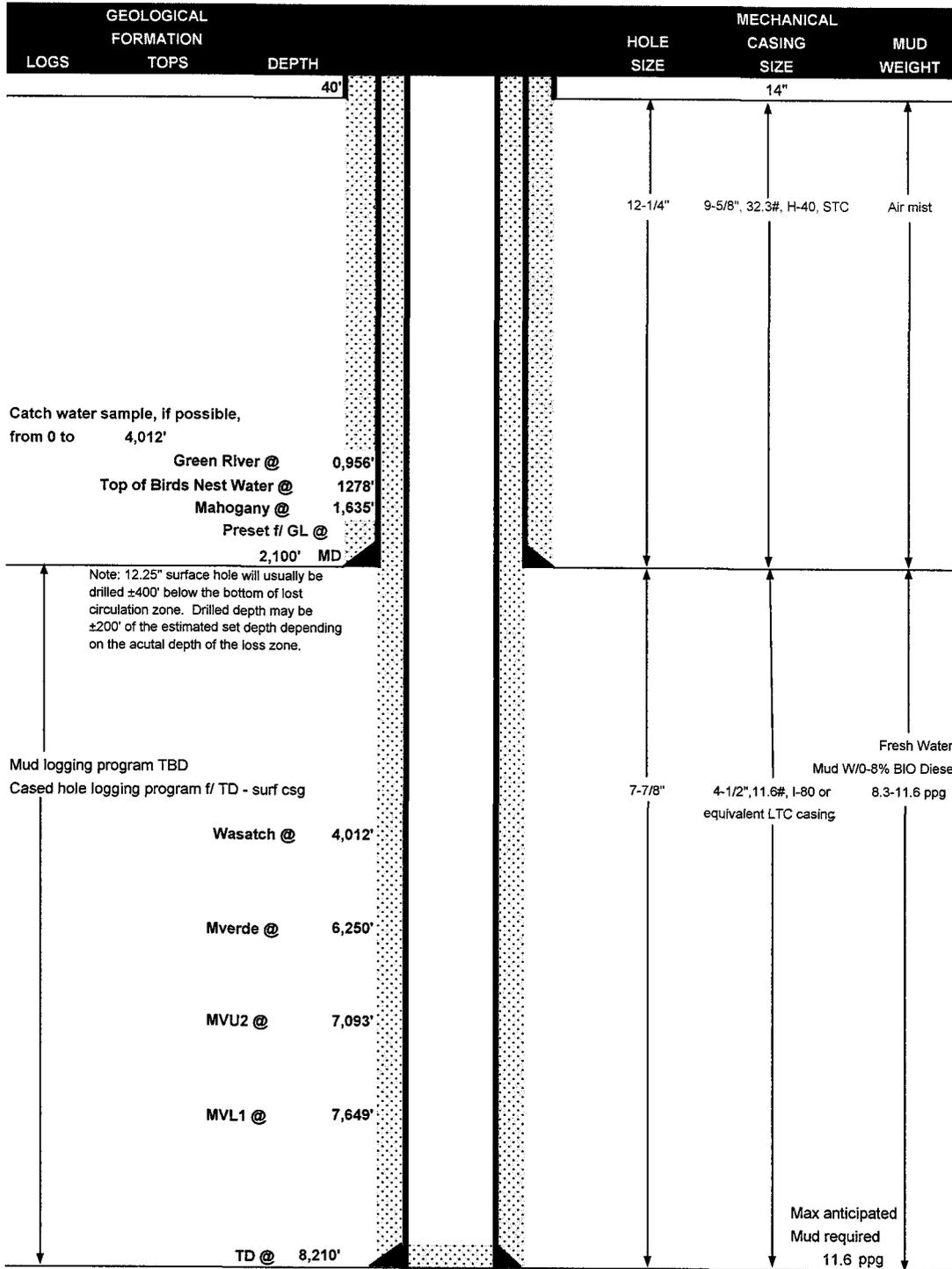
10. **Other Information:**

Please refer to the attached Drilling Program.



KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

COMPANY NAME KERR-McGEE OIL & GAS ONSHORE LP DATE July 31, 2007
 WELL NAME NBU 1022-13K-3T TD 8,210' MD/TVD
 FIELD Natural Buttes COUNTY Uintah STATE Utah ELEVATION 5,293' GL KB 5,308'
 SURFACE LOCATION NE/SW SEC. 3, T10S, R22E 1754'FSL, 1666'FWL BHL Straight Hole
 Latitude: 39.946467 Longitude: 109.391653
 OBJECTIVE ZONE(S) Wasatch/Mesaverde
 ADDITIONAL INFO Regulatory Agencies: UDOGM (SURF & MINERALS), BLM, Tri-County Health Dept.





**KERR-McGEE OIL & GAS ONSHORE LP
DRILLING PROGRAM**

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'						
SURFACE	9-5/8"	0 to 2100	32.30	H-40	STC	2270	1370	254000
						7780	6350	201000
PRODUCTION	4-1/2"	0 to 8210	11.60	I-80	LTC	2.47	1.28	2.42

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point))
 2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)
 (Burst Assumptions: TD = 11.6 ppg) .22 psi/ft = gradient for partially evac wellbore
 (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)
 MASP 3146 psi

Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE Option 1	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	50		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE Option 2		NOTE: If well will circulate water to surface, option 2 will be utilized					
	LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite + .25 pps Flocele + 3% salt BWOC	170	35%	11.00	3.82
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	3,510'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	390	60%	11.00	3.38
	TAIL	4,700'	50/50 Poz/G + 10% salt + 2% gel +.1% R-3	1320	60%	14.30	1.31

*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained
 *Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

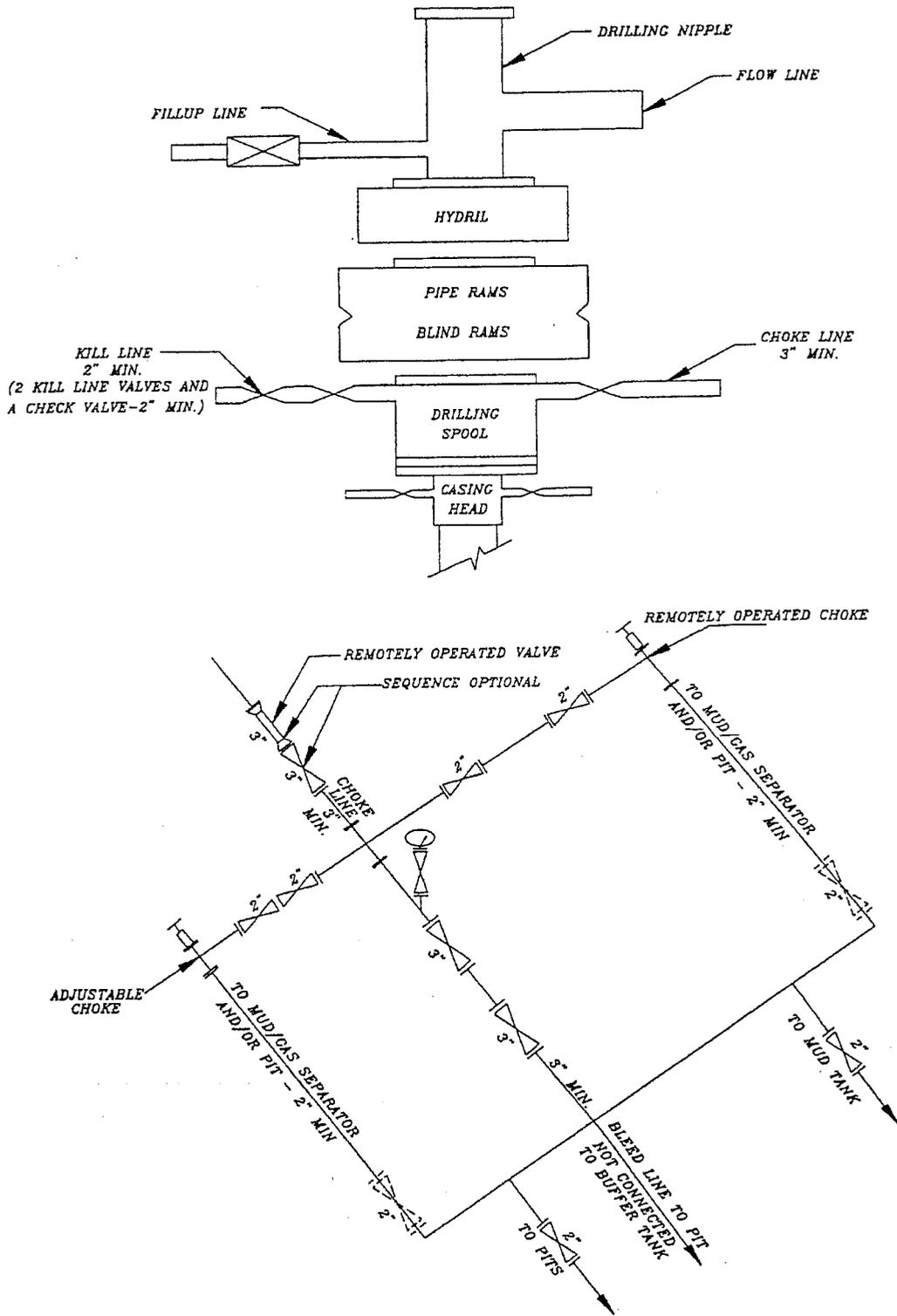
Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.
 BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.
 Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.
 Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER: _____
 Brad Laney

DRILLING SUPERINTENDENT: _____
 Randy Bayne

DATE: _____
 DATE: _____

5M BOP STACK and CHOKE MANIFOLD SYSTEM



NBU 1022-13K-3T
NE/SW SEC. 13, T10S, R22E
Uintah County, UT
UTSTUO-08512-ST

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. **Existing Roads:**

Refer to Topo Map A for directions to the location.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

Refer to Topo Maps A and B for location of access roads within a 2 mile radius.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. **Planned Access Roads:**

The operator will utilize an existing access road. Refer to Topo Map B for the location of the existing access road.

The upgraded and new portions of the access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet. Appropriate water control will be installed to control erosion.

Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities were determined at the on-site.

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

3. **Location of Existing Wells Within a 1-Mile Radius:**

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities:**

The following guidelines will apply if the well is productive.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain

fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Carlsbad Canyon, standard color number 2.5Y 6/2.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

A 30' rights of way will be required for approximately 12,184' +/- of 6" steel pipeline is proposed. The pipeline shall run from the location into Section 18, T10S, R23E (Lease #UTU-38421) and travel north into Sec. 7, T10S, R23E (Lease #UTU-49226) to tie-in to an existing pipeline. Refer to the attached Topo Map D for pipeline placement.

A 30' rights of way will be required for approximately 12,184' +/- of 10" steel pipeline is proposed. The pipeline shall run from the location into Section 18, T10S, R23E (Lease #UTU-38421) and travel north into Sec. 7, T10S, R23E (Lease #UTU-49226) to tie-in to an existing pipeline. Refer to the attached Topo Map D for pipeline placement.

5. Location and Type of Water Supply:

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec. 32, T4S, R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. Source of Construction Materials:

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. Methods of Handling Waste Materials:

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

Due to difficult topography and proximity to the White River, the reserve pit will be constructed utilizing a double liner and felt. The liner will be approximately 60 mil in thickness versus our standard 20 mil and the reserve pit will also have a leak detection system installed between the liners.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E.

8. Ancillary Facilities:

None are anticipated.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

The reserve pit will be lined, and when the reserve pit is closed, the pit liner will be buried below plow depth.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Location size may change prior to the drilling of the well due to current rig availability. If the proposed location is not large enough to accommodate the drilling rig the location will be re-surveyed and a Form 9 shall be submitted.

10. Plans for Reclamation of the Surface:

Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

A plastic, nylon reinforced liner will be used, it shall be torn and perforated before backfilling of the reserve pit.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water (s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. Surface Ownership:

SITLA
675 East 500 South, Suite 500
Salt Lake City, UT 84102

12. Other Information:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

A Class III archaeological survey will be submitted when report becomes available.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying within the boundaries of the Unit.

13. Lessee's or Operator's Representative & Certification:

Sheila Upchego
Senior Land Admin Specialist
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East.
Vernal, UT 84078
(435) 781-7024

Randy Bayne
Drilling Manager
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435)781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Kerr-McGee Oil & Gas Onshore LP is considered to be the operator of the subject well. Kerr-McGee Oil & Gas Onshore LP agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by State Surety Bond #RLB0005237.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.


Sheila Upchego

7/31/2007
Date

Kerr-McGee Oil & Gas Onshore LP

NBU #1022-13K-3T, #1022-13O4S, #1022-13O1CS, #1022-13O2S,
#1022-13D4S, #1022-13I3S, #1022-13O1AS, #1022-13J4S, #1022-
13I4S, #1022-13L4S, #1022-13L3S, #1022-13K3S, #1022-13M2AS,
#1022-13N2S, #1022-13N1S, #1022-13M2CS & #1022-13M1S

SECTION 13, T10S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 3.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHWESTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 5.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 58.7 MILES.

Kerr-McGee Oil & Gas Onshore LP

NBU #1022-13K-3T, #1022-13O4S, #1022-13O1CS, #1022-13O2S,
#1022-13K4S, #1022-13I3S, #1022-13O1AS, #1022-13J4S,
#1022-13I4S, #1022-13L4S, #1022-13L3S, #1022-13K3S,
#1022-13M2AS, #1022-13N2S, #1022-13N1S, #1022-13M2CS
& #1022-13M1S

LOCATED IN UINTAH COUNTY, UTAH
SECTION 13, T10S, R22E, S.L.B.&M.

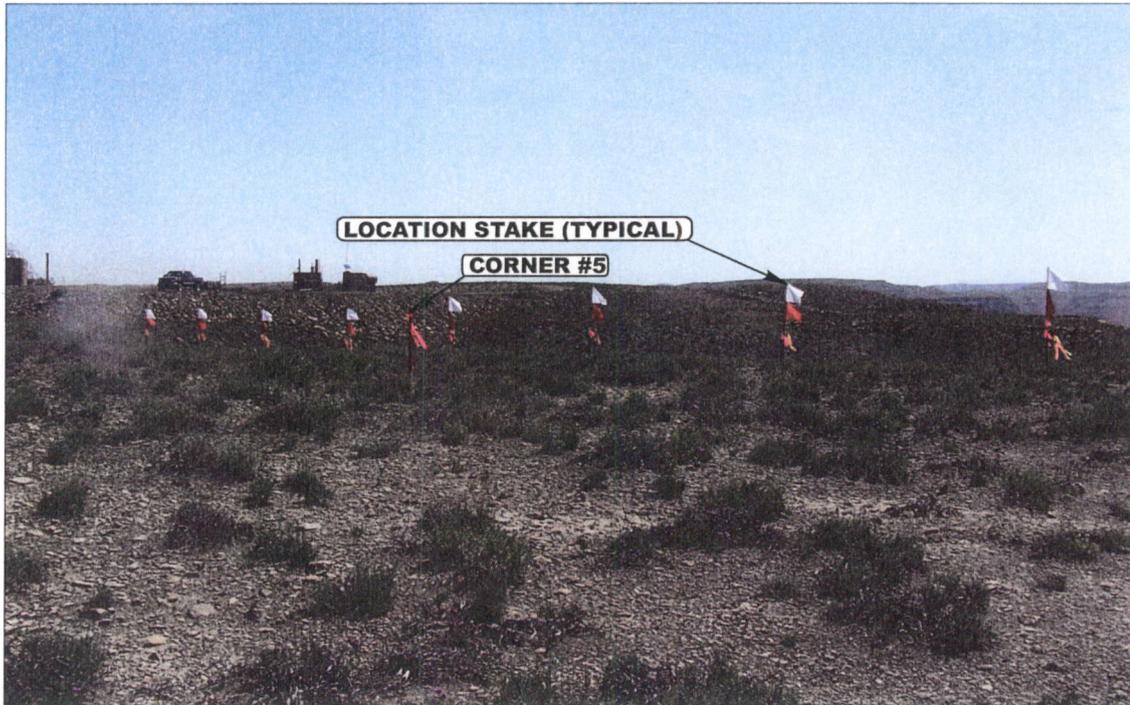


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKES

CAMERA ANGLE: SOUTHERLY



PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: WESTERLY



- Since 1964 -

UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

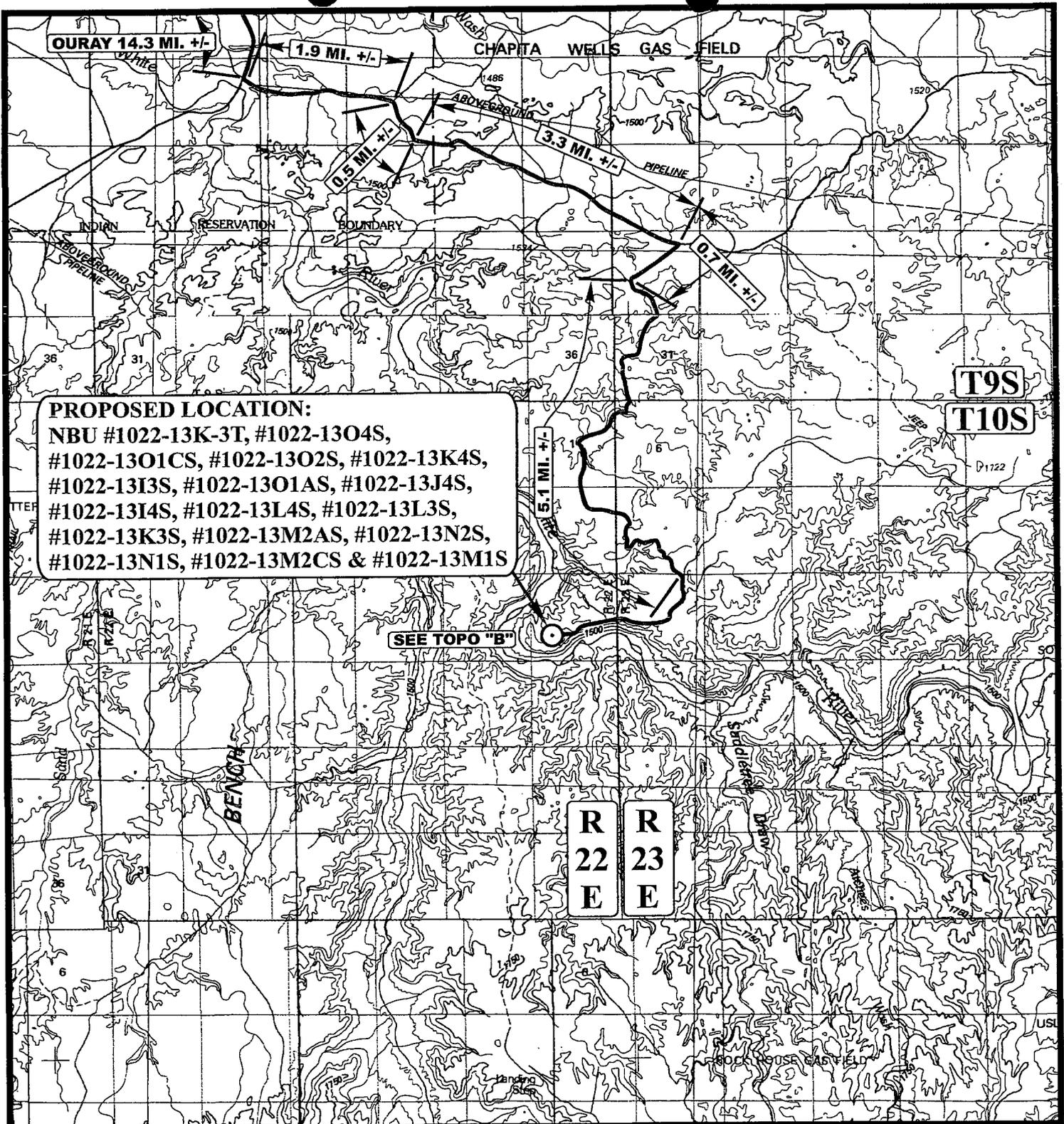
05 17 07
MONTH DAY YEAR

PHOTO

TAKEN BY: L.K.

DRAWN BY: C.P.

REVISED: 00-00-00



PROPOSED LOCATION:
 NBU #1022-13K-3T, #1022-13O4S,
 #1022-13O1CS, #1022-13O2S, #1022-13K4S,
 #1022-13I3S, #1022-13O1AS, #1022-13J4S,
 #1022-13I4S, #1022-13L4S, #1022-13L3S,
 #1022-13K3S, #1022-13M2AS, #1022-13N2S,
 #1022-13N1S, #1022-13M2CS & #1022-13M1S

SEE TOPO "B"

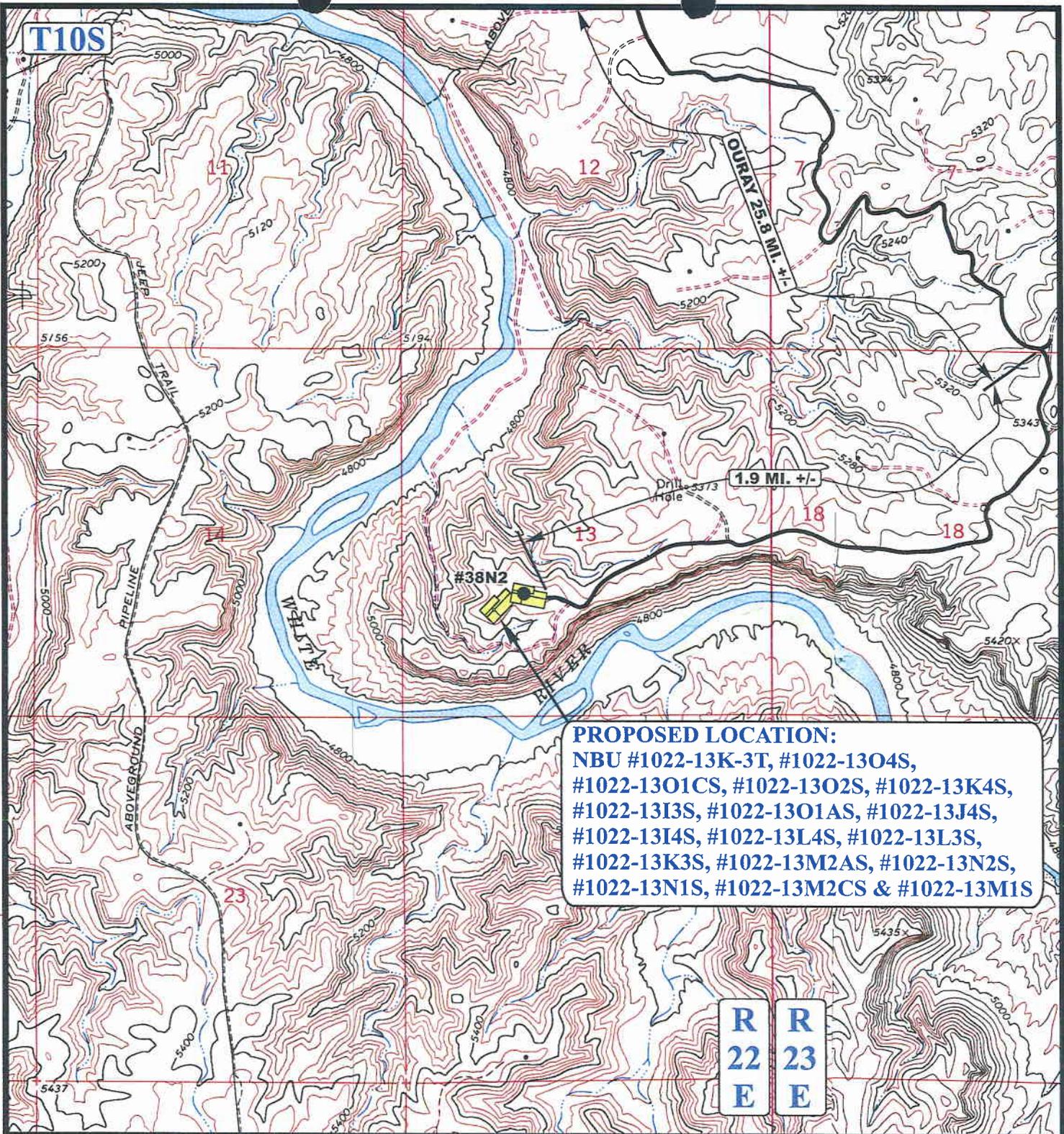
LEGEND:
 ○ PROPOSED LOCATION

Kerr-McGee Oil & Gas Onshore LP
 NBU#1022-13K-3T, #1022-13O4S, #1022-13O1CS, #1022-13O2S,
 #1022-13K4S, #1022-13I3S, #1022-13O1AS, #1022-13J4S,
 #1022-13I4S, #1022-13L4S, #1022-13L3S, #1022-13K3S,
 #1022-13M2AS, #1022-13N2S, #1022-13N1S, #1022-13M2CS
 & #1022-13M1S
 SECTION 13, T10S, R22E, S.L.B.&M.; SW 1/4

UES Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC MAP 05 17 07
 MONTH DAY YEAR
 SCALE: 1:100,000 DRAWN BY: C.P. REVISED: 00-00-00
A TOPO



PROPOSED LOCATION:
 NBU #1022-13K-3T, #1022-13O4S,
 #1022-13O1CS, #1022-13O2S, #1022-13K4S,
 #1022-13I3S, #1022-13O1AS, #1022-13J4S,
 #1022-13I4S, #1022-13L4S, #1022-13L3S,
 #1022-13K3S, #1022-13M2AS, #1022-13N2S,
 #1022-13N1S, #1022-13M2CS & #1022-13M1S

R
22
E

R
23
E

LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD



Kerr-McGee Oil & Gas Onshore LP

NBU#1022-13K-3T, #1022-13O4S, #1022-13O1CS, #1022-13O2S,
 #1022-13K4S, #1022-13I3S, #1022-13O1AS, #1022-13J4S,
 #1022-13I4S, #1022-13L4S, #1022-13L3S, #1022-13K3S,
 #1022-13M2AS, #1022-13N2S, #1022-13N1S, #1022-13M2CS
 & #1022-13M1S

SECTION 13, T10S, R22E, S.L.B.&M.; SW 1/4



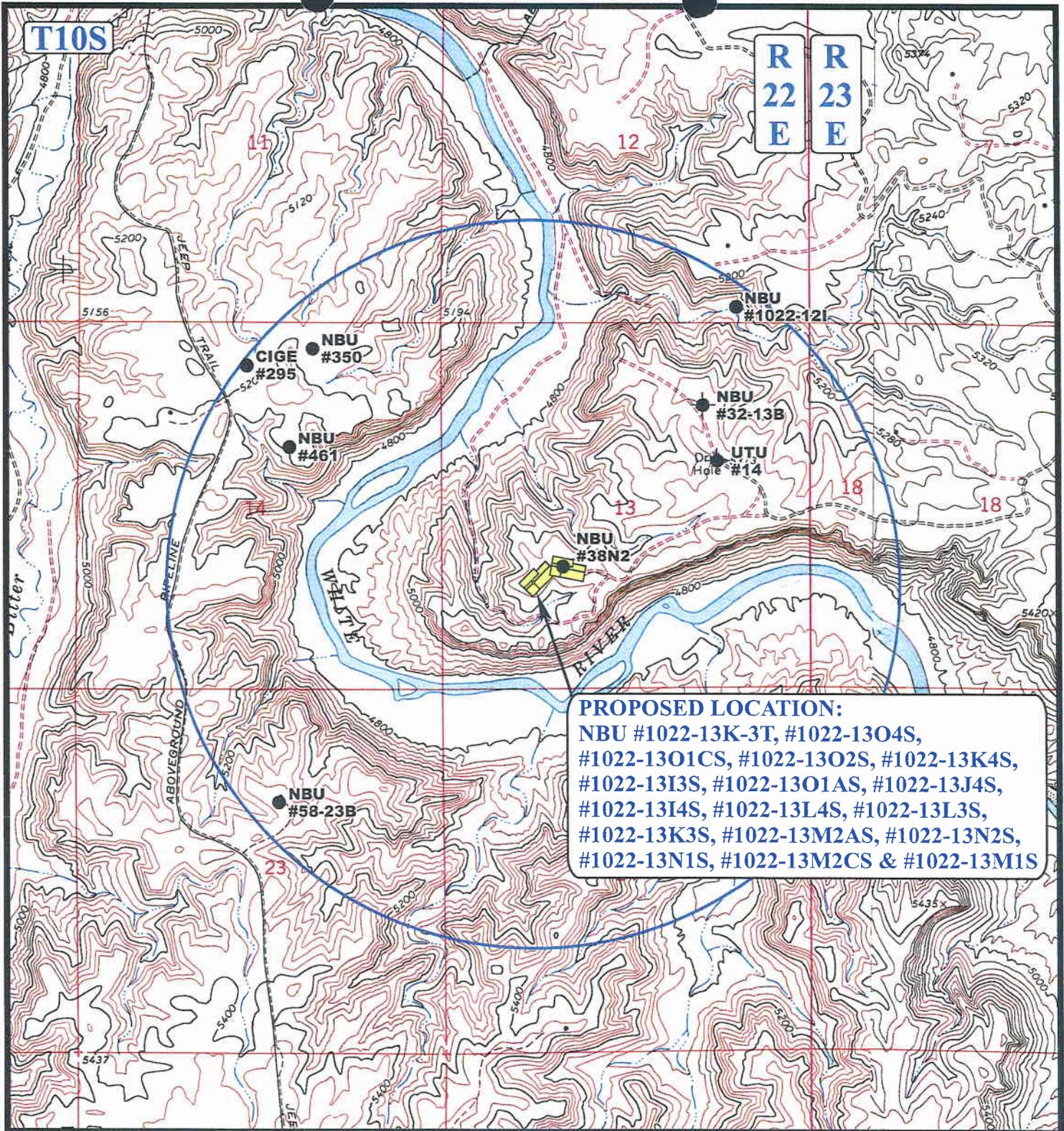
Utah Engineering & Land Surveying
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 (435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

05 17 07
 MONTH DAY YEAR



SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00



Kerr-McGee Oil & Gas Onshore LP

NBU#1022-13K-3T, #1022-13O4S, #1022-13O1CS, #1022-13O2S,
 #1022-13K4S, #1022-13I3S, #1022-13O1AS, #1022-13J4S,
 #1022-13I4S, #1022-13L4S, #1022-13L3S, #1022-13K3S,
 #1022-13M2AS, #1022-13N2S, #1022-13N1S, #1022-13M2CS
 & #1022-13M1S

SECTION 13, T10S, R22E, S.L.B.&M.; SW 1/4

LEGEND:

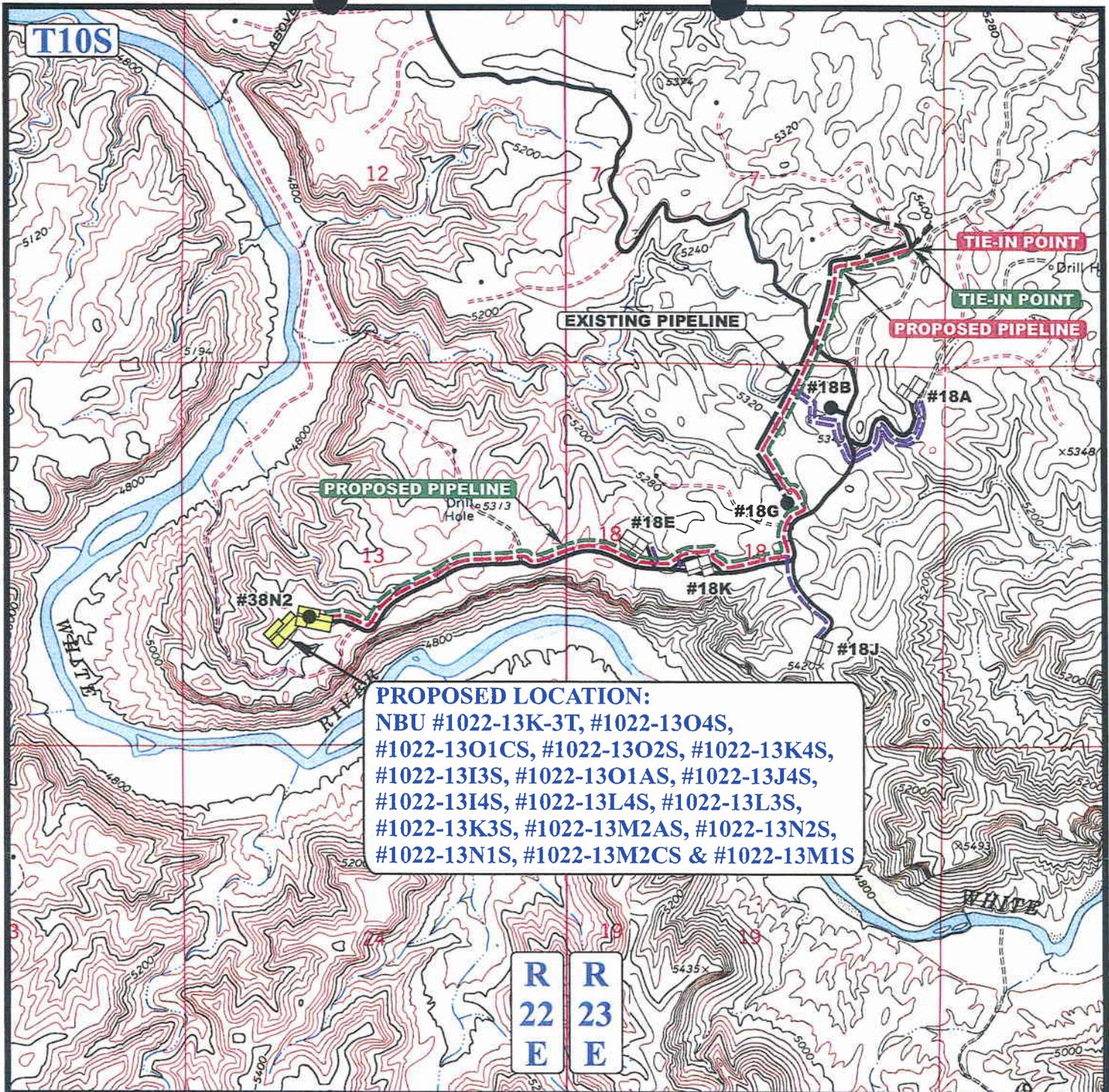
- | | |
|-------------------|-------------------------|
| ⊗ DISPOSAL WELLS | ♂ WATER WELLS |
| ● PRODUCING WELLS | ⊖ ABANDONED WELLS |
| ⦿ SHUT IN WELLS | ⊖ TEMPORARILY ABANDONED |



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TOPOGRAPHIC MAP 05 17 07
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00





APPROXIMATE TOTAL 10" PIPELINE DISTANCE = 12,184' +/-

APPROXIMATE TOTAL 6" PIPELINE DISTANCE = 12,184' +/-

LEGEND:

- EXISTING ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED PIPELINE
- PROPOSED PIPELINE (SERVICING OTHER WELLS)



Kerr-McGee Oil & Gas Onshore LP

NBU#1022-13K-3T, #1022-13O4S, #1022-13O1CS, #1022-13O2S,
 #1022-13K4S, #1022-13I3S, #1022-13O1AS, #1022-13J4S,
 #1022-13I4S, #1022-13L4S, #1022-13L3S, #1022-13K3S,
 #1022-13M2AS, #1022-13N2S, #1022-13N1S, #1022-13M2CS
 & #1022-13M1S

SECTION 13, T10S, R22E, S.L.B.&M.; SW 1/4



Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
 MAP**

05 17 07
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 07-19-07



Kerr-McGee Oil & Gas Onshore LP

NBU #1022-13K-3T, #1022-13O4S, #1022-13O1CS, #1022-13O2S,
#1022-13K4S, #1022-13I3S, #1022-13O1AS, #1022-13J4S,
#1022-13I4S, #1022-13L4S, #1022-13L3S, #1022-13K3S,
#1022-13M2AS, #1022-13N2S, #1022-13N1S, #1022-13M2CS
& #1022-13M1S

PIPELINE ALIGNMENT
LOCATED IN UINTAH COUNTY, UTAH
SECTION 13, T10S, R22E, S.L.B.&M.



PHOTO: VIEW FROM TIE-IN POINT

CAMERA ANGLE: WESTERLY



PHOTO: VIEW OF PIPELINE ALIGNMENT

CAMERA ANGLE: WESTERLY



- Since 1964 -

UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

PIPELINE PHOTOS	05	17	07	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: L.K.	DRAWN BY: C.P.		REVISED: 00-00-00	

INTERFERENCE DETAIL FOR

NBU #1022-13K-3T, #1022-13O4S,
#1022-13O1CS, #1022-13O2S, #1022-13K4S,
#1022-13I3S, #1022-13O1AS, #1022-13J4S,
#1022-13I4S, #1022-13L4S, #1022-13L3S,
#1022-13K3S, #1022-13M2AS, #1022-13N2S,
#1022-13N1S, #1022-13M2CS & #1022-13M1S
SECTION 13, T10S, R22E, S.L.B.&M.
SW 1/4



SCALE: 1" = 50'
DATE: 6-13-07
Drawn By: K.G.

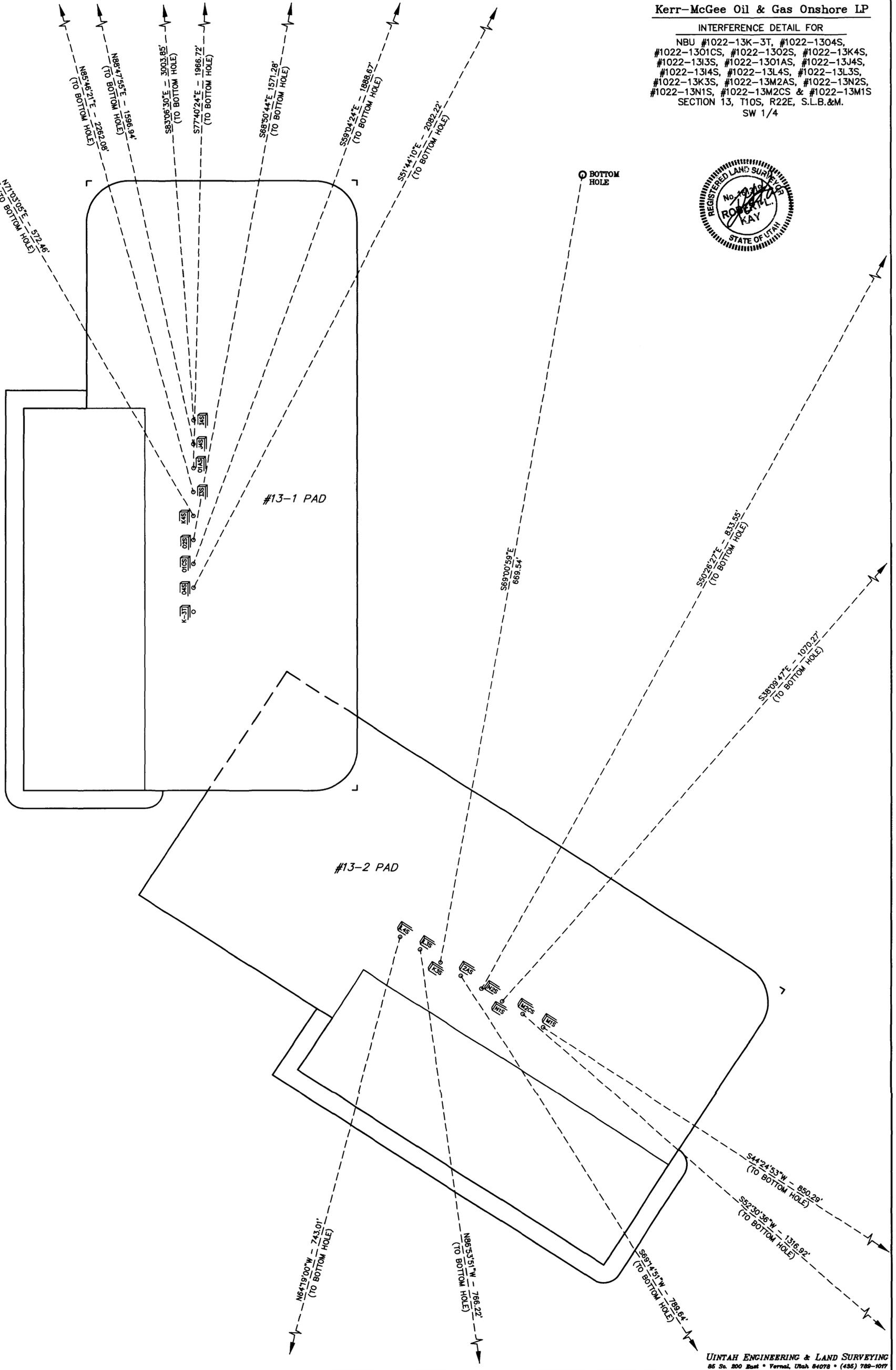


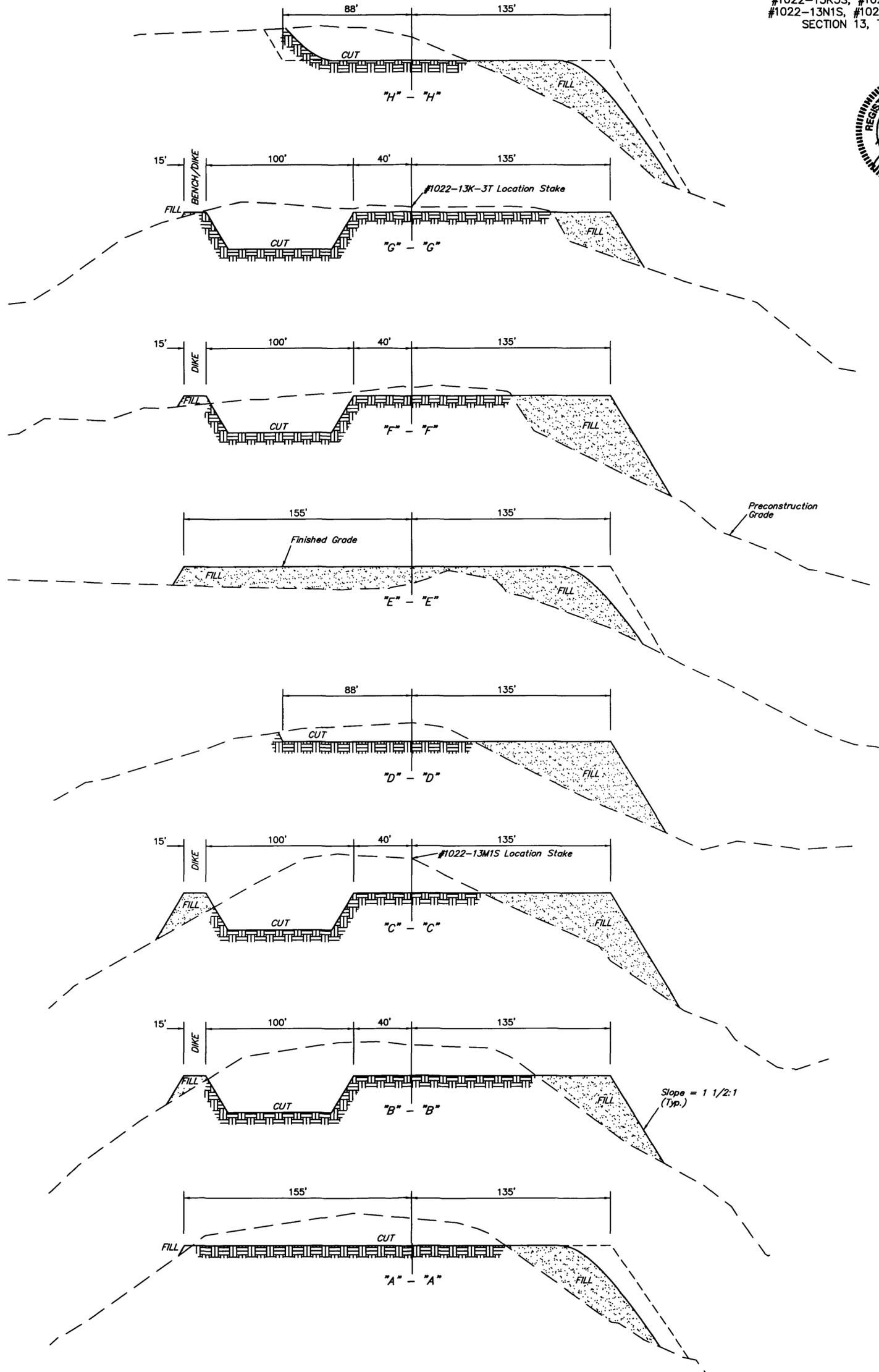
FIGURE #2

TYPICAL CROSS SECTIONS FOR

NBU #1022-13K-3T, #1022-13O4S,
 #1022-13O1CS, #1022-13O2S, #1022-13K4S,
 #1022-13I3S, #1022-13O1AS, #1022-13J4S,
 #1022-13I4S, #1022-13L4S, #1022-13L3S,
 #1022-13K3S, #1022-13M2AS, #1022-13N2S,
 #1022-13N1S, #1022-13M2CS & #1022-13M1S
 SECTION 13, T10S, R22E, S.L.B.&M.
 SW 1/4



1" = 20'
 X-Section
 Scale
 1" = 50'
 DATE: 6-13-07
 Drawn By: K.G.



NOTE:
 Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE YARDAGES FOR #13-1 PAD

CUT	
(6") Topsoil Stripping	= 3,160 Cu. Yds.
Remaining Location	= 18,230 Cu. Yds.
TOTAL CUT	= 21,390 CU.YDS.
FILL	= 13,580 CU.YDS.
EXCESS MATERIAL	= 7,810 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 7,810 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.

APPROXIMATE YARDAGES FOR #13-2 PAD

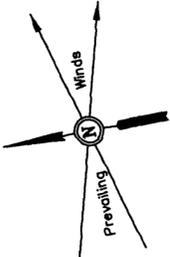
CUT	
(6") Topsoil Stripping	= 2,860 Cu. Yds.
Remaining Location	= 24,050 Cu. Yds.
TOTAL CUT	= 26,910 CU.YDS.
FILL	= 19,710 CU.YDS.
EXCESS MATERIAL	= 7,200 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 7,200 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.

* NOTE:
 FILL QUANTITY INCLUDES 5% FOR COMPACTION

FIGURE #1

LOCATION LAYOUT FOR

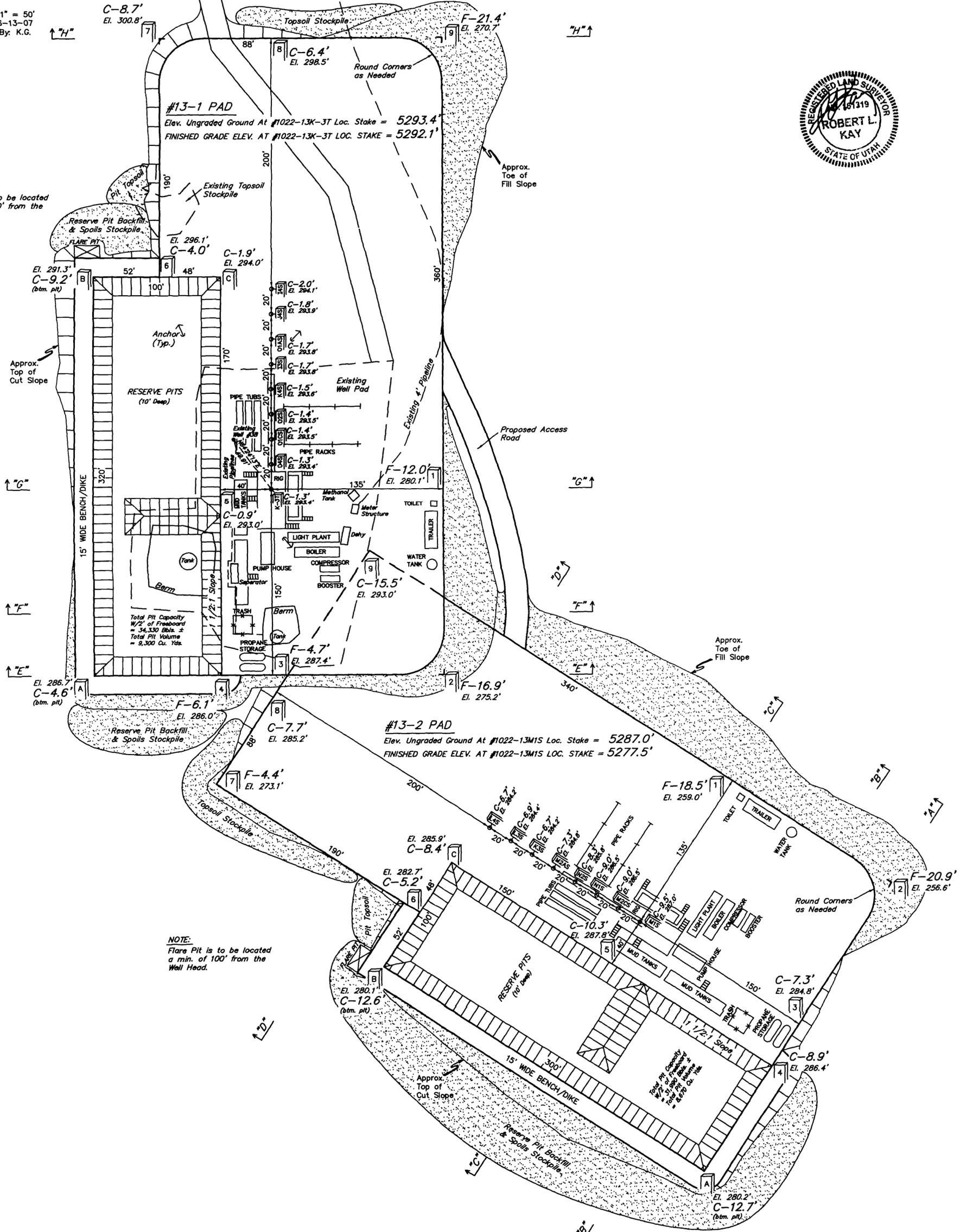
NBU #1022-13K-3T, #1022-13O4S,
 #1022-13O1CS, #1022-13O2S, #1022-13K4S,
 #1022-13I3S, #1022-13O1AS, #1022-13J4S,
 #1022-13I4S, #1022-13L4S, #1022-13L3S,
 #1022-13K3S, #1022-13M2AS, #1022-13N2S,
 #1022-13N1S, #1022-13M2CS & #1022-13M1S
 SECTION 13, T10S, R22E, S.L.B.&M.
 SW 1/4



SCALE: 1" = 50'
 DATE: 6-13-07
 Drawn By: K.G.

NOTE:
 Flare Pit is to be located
 a min. of 100' from the
 Well Head.

NOTE:
 Flare Pit is to be located
 a min. of 100' from the
 Well Head.



**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 08/07/2007

API NO. ASSIGNED: 43-047-39489

WELL NAME: NBU 1022-13K-3T
 OPERATOR: KERR-MCGEE OIL & GAS (N2995)
 CONTACT: SHEILA UPCHEGO

PHONE NUMBER: 435-781-7024

PROPOSED LOCATION:

NESW 13 100S 220E
 SURFACE: 1754 FSL 1666 FWL
 BOTTOM: 1754 FSL 1666 FWL
 COUNTY: UINTAH
 LATITUDE: 39.94648 LONGITUDE: -109.3911
 UTM SURF EASTINGS: 637450 NORTHINGS: 4422847
 FIELD NAME: NATURAL BUTTES (630)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DRD	8/31/07
Geology		
Surface		

LEASE TYPE: 3 - State
 LEASE NUMBER: STUO-08512-ST
 SURFACE OWNER: 3 - State

PROPOSED FORMATION: WSMVD
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]
(No. 22013542)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-8496)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- ___ R649-2-3.
- Unit: NATURAL BUTTES
- ___ R649-3-2. General
- Siting: 460' From Qtr/Qtr & 920' Between Wells
- ___ R649-3-3. Exception
- Drilling Unit
- Board Cause No: 173-14
- Eff Date: 12-2-04
- Siting: 460' fr. Underg. & uncomm. Tracts
- ___ R649-3-11. Drilling Unit

COMMENTS: Needs Permit (06-27-07)

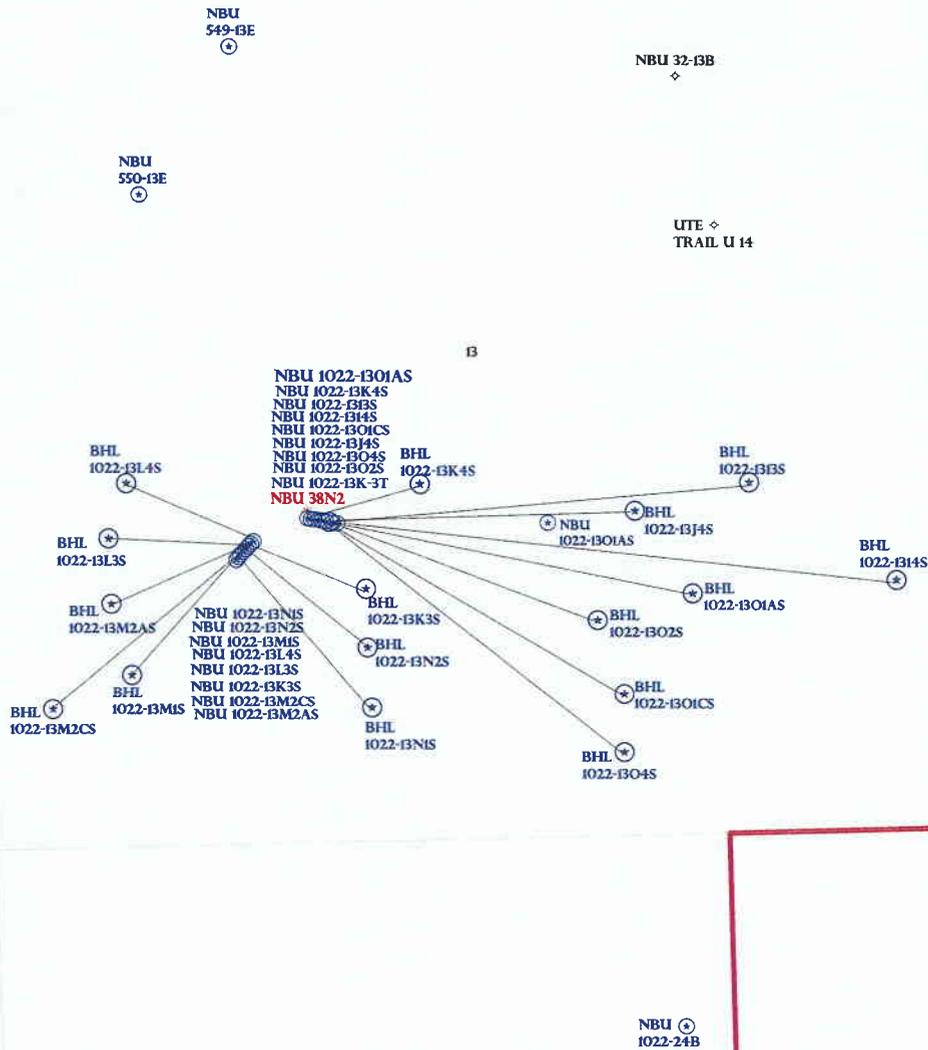
STIPULATIONS: 1- STATEMENT OF BASIS
2- OIL SHALE
3- Surface Cg Cont Stip.

T10S R22E

T10S R23E

NATURAL BUTTES FIELD NATURAL BUTTES UNIT

CAUSE: 173-14 / 12-2-1999



OPERATOR: KERR MCGEE O&G (N2995)

SEC: 13 T.10S R. 22E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

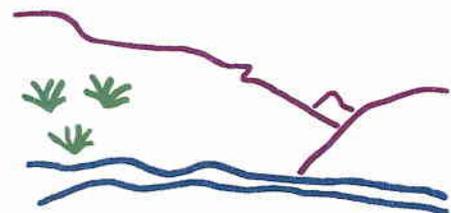
CAUSE: 173-14 / 12-2-1999

Field Status	
	ABANDONED
	ACTIVE
	COMBINED
	INACTIVE
	PROPOSED
	STORAGE
	TERMINATED

Unit Status	
	EXPLORATORY
	GAS STORAGE
	NF PP OIL
	NF SECONDARY
	PENDING
	PI OIL
	PP GAS
	PP GEOTHERML
	PP OIL
	SECONDARY
	TERMINATED

Wells Status

	GAS INJECTION
	GAS STORAGE
	LOCATION ABANDONED
	NEW LOCATION
	PLUGGED & ABANDONED
	PRODUCING GAS
	PRODUCING OIL
	SHUT-IN GAS
	SHUT-IN OIL
	TEMP. ABANDONED
	TEST WELL
	WATER INJECTION
	WATER SUPPLY
	WATER DISPOSAL
	DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA MASON
DATE: 8-AUGUST-2007

Application for Permit to Drill

Statement of Basis

8/15/2007

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
501	43-047-39489-00-00		GW	S	No
Operator	KERR-MCGEE OIL & GAS ONSHORE, LP	Surface Owner-APD			
Well Name	NBU 1022-13K-3T	Unit	NATURAL BUTTES		
Field	NATURAL BUTTES	Type of Work			
Location	NESW 13 10S 22E S 1754 FSL 1666 FWL GPS Coord (UTM) 637450E 4422847N				

Geologic Statement of Basis

Kerr McGee proposes to set 2,100' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 4,300'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 13. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Production casing cement should be brought up above the base of the moderately saline ground water to isolate it from fresher waters uphole.

Brad Hill

8/15/2007

APD Evaluator

Date / Time

Surface Statement of Basis

The general area is in the southeast end of the Natural Buttes Unit, which contains the White River and short rugged drainages that drain into the White River. Topography is varied and frequently dissected by short draws or washes, which become overly steep as they approach the White River breaks or rim. Distance to the White River varies from ¼ mile to 2 miles. The side drainages are dry except for ephemeral flows. No seeps or springs exist in the area. An occasional pond has been constructed to supply water for livestock and antelope. Vernal, Utah is approximately 43 air miles to the northwest. Access from Ouray, Utah is approximately 27.7 road miles following Utah State, Uintah County and oilfield development roads to the location.

Seventeen new gas wells are proposed on two connected pads. The pads form a dogleg with the upper pad (#13-1) extending in an east-west direction and the lower pad (#13-2) in a northeast to southwest direction. Corners of the pads overlap with fill from the upper pad, corner 2, extending onto the lower pad at corner 9. Finished elevation of the upper pad is 15 feet higher than the lower pad. A road is proposed on the inside of the dog-leg ramping down to the lower pad. The pads are located on top of a medium width to narrow ridge-top elevated about 500 vertical feet above the White River. The White River forms a bend in the area and somewhat surrounds the locations except on the east-northeast sides. Closest horizontal distance to any well is approximately 1550 feet. Slopes from the ridge steepen and become near vertical sandstone ledges short distances from the pads. Soils are shallow with a rocky subsurface. Except for reserve pit construction blasting is not expected to be required. Pad construction will primarily consist of excavating the top of the ridge filling on the sides of the ridge. All fills will catch on existing natural side slopes. No drainage concerns exist. Elongated reserve pits are planned. Pits will be in cut except along corner 'C' on the lower #13-2 pad and corner 'F' on the upper #13-1 pad. Both areas will be reinforced with embankments which include a 15' wide bench and spoils storage. Reserve pits will be lined with double 20 mil. liners and a appropriate thickness of sub felt to cushion all rocks. A pad for a producing gas well (NBU #38-N2) exist on a portion of the upper pad. Area encompassed for the pads not including spoils storage is approximately 6.7 acres.

When the wells are completed the west tank on the west corner of the upper pad will be in view for about 1/8 mile along the river bottom. Even though rafters would have to look behind them to see this tank, Kerr McGee agreed to use a low profile tank for this location.

Application for Permit to Drill

Statement of Basis

8/15/2007

Utah Division of Oil, Gas and Mining

Page 2

Both the surface and minerals for this location are owned by SITLA. Jim Davis of SITLA attended the pre-site visit and expressed no concerns regarding the proposed location except for those discussed above.

The location appears to be the only site for constructing pads and drilling and operating multiple wells in the area.

It was mutually agreed that the most significant environmental concern with drilling and operating wells in this area was to avoid any leaks or spills from the operations reaching the White River. To reduce chances of this happening, Carroll Estes of Kerr McGee committed to line the pit with a double 20 mil liner with an appropriate thickness of felt sub-liner dependent upon the roughness of the surface of the constructed pit. He also stated they would formulate and follow a plan to monitor the level of fluids in the reserve pit as well as observing the surrounding terrain for any possible leaks. Corrugated metal containments will be constructed around all tanks used for production.

Floyd Bartlett
Onsite Evaluator

6/27/2007
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A double synthetic liner each with a minimum thickness of 20 mils and an appropriate thickness of felt sub-liner to cushion the liners shall be properly installed and maintained in the reserve pit.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator KERR-MCGEE OIL & GAS ONSHORE, LP
Well Name NBU 1022-13K-3T
API Number 43-047-39489-0 **APD No** 501 **Field/Unit** NATURAL BUTTES
Location: 1/4,1/4 NESW **Sec** 13 **Tw** 10S **Rng** 22E 1754 FSL 1666 FWL
GPS Coord (UTM) 637461 4422852 **Surface Owner**

Participants

Floyd Bartlett (DOGM), Jim Davis (SITLA), Carroll Estes, Tony Kznick, and Clay Einerson (Kerr McGee), David Kay (Uintah Engineering and Land Surveying), and Daniel Emmett (UDWR)

Regional/Local Setting & Topography

The general area is in the southeast end of the Natural Buttes Unit, which contains the White River and short rugged drainages that drain into the White River. Topography is varied and frequently dissected by short draws or washes, which become overly steep as they approach the White River breaks or rim. Distance to the White River varies from ¼ mile to 2 miles. The side drainages are dry except for ephemeral flows. No seeps or springs exist in the area. An occasional pond has been constructed to supply water for livestock and antelope. Vernal, Utah is approximately 43 air miles to the northwest. Access from Ouray, Utah is approximately 27.7 road miles following Utah State, Uintah County and oilfield development roads to the location.

Seventeen new gas wells are proposed on two connected pads. The pads form a dogleg with the upper pad (#13-1) extending in an east-west direction and the lower pad (#13-2) in a northeast to southwest direction. Corners of the pads overlap with fill from the upper pad, corner 2, extending onto the lower pad at corner 9. Finished elevation of the upper pad is 15 feet higher than the lower pad. A road is proposed on the inside of the dog-leg ramping down to the lower pad. The pads are located on top of a medium width to narrow ridge-top elevated about 500 vertical feet above the White River. The White River forms a bend in the area and somewhat surrounds the locations except on the east-northeast sides. Closest horizontal distance to any well is approximately 1550 feet. Slopes from the ridge steepen and become near vertical sandstone ledges short distances from the pads. Soils are shallow with a rocky subsurface. Except for reserve pit construction blasting is not expected to be required. Pad construction will primarily consist of excavating the top of the ridge filling on the sides of the ridge. All fills will catch on existing natural side slopes. No drainage concerns exist. Elongated reserve pits are planned. Pits will be in cut except along corner 'C' on the lower #13-2 pad and corner 'F' on the upper #13-1 pad. Both areas will be reinforced with embankments which include a 15' wide bench and spoils storage. Reserve pits will be lined with double 20 mil. liners and a appropriate thickness of sub felt to cushion all rocks. A pad for a producing gas well (NBU #38-N2) exist on a portion of the upper pad. Area encompassed for the pads not including spoils storage is approximately 6.7 acres.

Both the surface and minerals for this location are owned by SITLA.

Surface Use Plan

Current Surface Use

Grazing
Recreational
Wildlife Habitat
Existing Well Pad

New Road

Miles	Well Pad	Src Const Material	Surface Formation
0	Width 290 Length 510	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Moderately vegetated with black sagebrush, halogeton, shadscale, rabbit brush, broom snakeweed, cheatgrass, six-week fescue and spring annuals.

Antelope, coyote, small mammals and birds. Winter domestic sheep grazing

Soil Type and Characteristics

Shallow gravely sandy loam.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required N

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? N **Paleo Potential Observed?** N **Cultural Survey Run?** Y **Cultural Resources?**

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	<300	20
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	<10	0
Affected Populations	<10	0
Presence Nearby Utility Conduits	Not Present	0

Final Score 35 1 **Sensitivity Level**

Characteristics / Requirements

The reserve pit is proposed on the northwest corner of the upper pad. Portions of the outer edge will be within partial fill. A 15' wide bench/dike is planned along the outer edge as well as reserve pit spoils storage along the west end. Finished pit dimensions are 100' x 320' x 10' deep. Carroll Estes of Kerr McGee committed to line the pit with a double 20 mil liner with an appropriate thickness of felt sub-liner dependent upon the roughness of the surface of the constructed pit.

Mr. Estes also stated they would formulate and follow a plan to monitor the level of fluids in the reserve pit as well as observing the surrounding terrain for any possible leaks.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 40 **Pit Underlayment Required?** Y

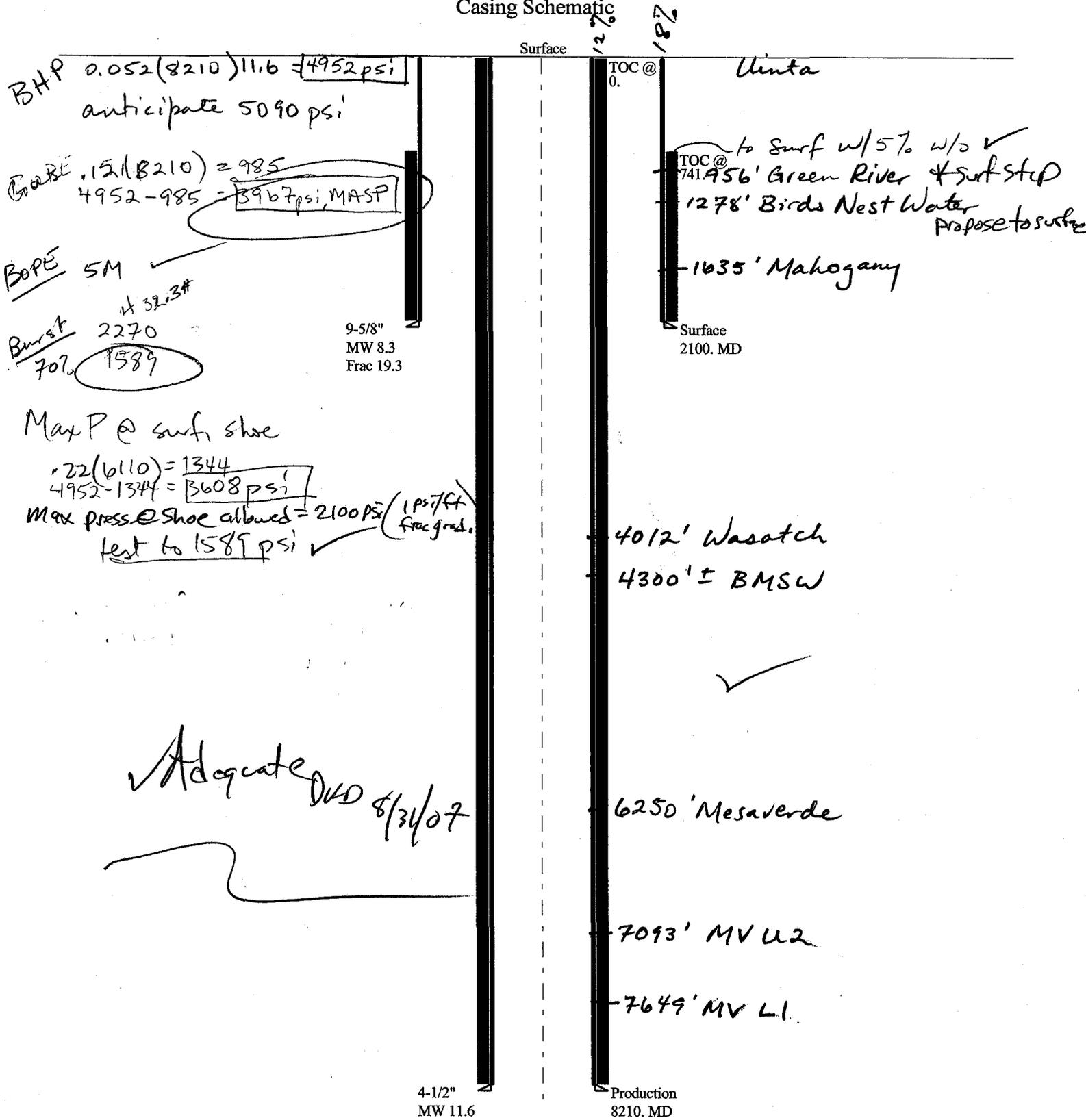
Other Observations / Comments

Daniel Emmet represented the Utah Division of Wildlife Resources. Mr. Emmet stated the area is classified as critical yearlong habitat for antelope. He however recommended no stipulations for this species as the loss of forage from this location is not significant and water not forage is the factor limiting the herd population in the area. No other wildlife is expected to be affected. He gave Carrol Estes, representing Kerr McGee, and Jim Davis copies of his evaluation and a DWR recommended seed mix to use when re-vegetating the area.

Floyd Bartlett
Evaluator

6/27/2007
Date / Time

Casing Schematic



Well name: **2007-08 Kerr McGee NBU 1022-13K-3T**
 Operator: **Kerr McGee Oil & Gas Onshore L.P.**
 String type: **Surface** Project ID: **43-047-39489**
 Location: **Uintah County, Utah**

Design parameters:

Collapse
 Mud weight: 8.300 ppg
 Design is based on evacuated pipe.

Burst
 Max anticipated surface pressure: 1,848 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 2,100 psi
 No backup mud specified.

Minimum design factors:

Collapse:
 Design factor 1.125

Burst:
 Design factor 1.00

Tension:
 8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.50 (B)

Tension is based on buoyed weight.
 Neutral point: 1,844 ft

Environment:

H2S considered? No
 Surface temperature: 75 °F
 Bottom hole temperature: 104 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,300 ft

Cement top: 741 ft

Non-directional string.

Re subsequent strings:
 Next setting depth: 8,210 ft
 Next mud weight: 11.600 ppg
 Next setting BHP: 4,947 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 2,100 ft
 Injection pressure: 2,100 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2100	9.625	32.30	H-40	ST&C	2100	2100	8.876	927.9

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	905	1370	1.513	2100	2270	1.08	60	254	4.26 J

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Minerals

Phone: (801) 538-5357
 FAX: (801) 359-3940

Date: August 27, 2007
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2100 ft, a mud weight of 8.3 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kernler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	2007-08 Kerr McGee NBU 1022-13K-3T		
Operator:	Kerr McGee Oil & Gas Onshore L.P.		
String type:	Production	Project ID:	43-047-39489
Location:	Uintah County, Utah		

Design parameters:

Collapse

Mud weight: 11.600 ppg
 Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 3,141 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP: 4,947 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor: 1.125

Burst:

Design factor: 1.00

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.50 (B)

Tension is based on buoyed weight.
 Neutral point: 6,786 ft

Environment:

H2S considered? No
 Surface temperature: 75 °F
 Bottom hole temperature: 190 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,500 ft

Cement top: Surface

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	8210	4.5	11.60	I-80	LT&C	8210	8210	3.875	716.5

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	4947	6360	1.286	4947	7780	1.57	79	212	2.69 J

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Minerals

Phone: (801) 538-5357
 FAX: (801) 359-3940

Date: August 27, 2007
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 8210 ft, a mud weight of 11.6 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kernler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

August 9, 2007

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2007 Plan of Development Natural Buttes Unit
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2007 within the Natural Buttes Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Wasatch/MesaVerde)		
43-047-39473	NBU 1022-13K4S	Sec 13 T10S R22E 1739 FSL 1745 FWL
	BHL	Sec 13 T10S R22E 1925 FSL 2280 FWL
43-047-39474	NBU 1022-1313S	Sec 13 T10S R22E 1735 FSL 1764 FWL
	BHL	Sec 13 T10S R22E 1900 FSL 1225 FEL
43-047-39475	NBU 1022-1314S	Sec 13 T10S R22E 1724 FSL 1824 FWL
	BHL	Sec 13 T10S R22E 1360 FSL 0440 FEL
43-047-39476	NBU 1022-1301CS	Sec 13 T10S R22E 1747 FSL 1705 FWL
	BHL	Sec 13 T10S R22E 0775 FSL 1920 FEL
43-047-39477	NBU 1022-13J4S	Sec 13 T10S R22E 1728 FSL 1804 FWL
	BHL	Sec 13 T10S R22E 1760 FSL 1845 FEL
43-047-39478	NBU 1022-1301AS	Sec 13 T10S R22E 1731 FSL 1784 FWL
	BHL	Sec 13 T10S R22E 1310 FSL 1540 FEL
43-047-39479	NBU 1022-1302S	Sec 13 T10S R22E 1743 FSL 1725 FWL
	BHL	Sec 13 T10S R22E 1175 FSL 2055 FEL

43-047-39480	NBU 1022-1304S	Sec 13 T10S R22E 1750 FSL 1686 FWL
	BHL	Sec 13 T10S R22E 0460 FSL 1925 FEL
43-047-39481	NBU 1022-13K3S	Sec 13 T10S R22E 1610 FSL 1343 FWL
	BHL	Sec 13 T10S R22E 1370 FSL 1975 FWL
43-047-39482	NBU 1022-13M1S	Sec 13 T10S R22E 1538 FSL 1275 FWL
	BHL	Sec 13 T10S R22E 0930 FSL 0700 FWL
43-047-39483	NBU 1022-13M2AS	Sec 13 T10S R22E 1595 FSL 1329 FWL
	BHL	Sec 13 T10S R22E 1315 FSL 0600 FWL
43-047-39484	NBU 1022-13N1S	Sec 13 T10S R22E 1566 FSL 1302 FWL
	BHL	Sec 13 T10S R22E 0725 FSL 1990 FWL
43-047-39485	NBU 1022-13L3S	Sec 13 T10S R22E 1624 FSL 1356 FWL
	BHL	Sec 13 T10S R22E 1665 FSL 0590 FWL
43-047-39486	NBU 1022-13L4S	Sec 13 T10S R22E 1638 FSL 1370 FWL
	BHL	Sec 13 T10S R22E 1960 FSL 0690 FWL
43-047-39487	NBU 1022-13N2S	Sec 13 T10S R22E 1581 FSL 1316 FWL
	BHL	Sec 13 T10S R22E 1050 FSL 1975 FWL
43-047-39488	NBU 1022-13M2CS	Sec 13 T10S R22E 1552 FSL 1289 FWL
	BHL	Sec 13 T10S R22E 0750 FSL 0270 FWL
43-047-39489	NBU 1022-13K-3T	Sec 13 T10S R22E 1754 FSL 1666 FWL

Our records indicate the bottom hole location of the NBU 1022-1314S is closer than 460 feet from the Natural Buttes Unit boundary.

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File - Natural Buttes Unit
 Division of Oil Gas and Mining
 Central Files
 Agr. Sec. Chron
 Fluid Chron

MCoulthard:mc:8-9-07

From: Ed Bonner
To: Mason, Diana
Date: 8/20/2007 3:07 PM
Subject: Well Clearance

CC: Davis, Jim; Garrison, LaVonne; Hill, Brad; Hunt, Gil

The following wells have been given cultural resources clearance by the Trust Lands Cultural Resources Group:

Cabot Oil & Gas Corporation

McKenna 21-32 (API 43 037 31863)

Kerr McGee Oil & Gas Onshore LP

NBU 1022-13K4S (API 43 047 39473)
NBU 1022-13I3S (API 43 047 39474)
NBU 1022-13I4S (API 43 047 39475)
NBU 1022-13O1CS (API 43 047 39476)
NBU 1022-13J4S (API 43 047 39477)
NBU 1022-13O1AS (API 43 047 39478)
NBU 1022-13O2S (API 43 047 39479)
NBU 1022-13O4S (API 43 047 39480)
NBU 1022-13K3S (API 43 047 39481)
NBU 1023-13M1S (API 43 047 39482)
NBU 1022-13M2AS (API 43 047 39483)
NBU 1022-13N1S (API 43 047 39484)
NBU 1022-13L3S (API 43 047 39485)
NBU 1022-13L4S (API 43 047 39486)
NBU 1022-13N2S (API 43 047 39487)
NBU 1022-13M2SC (API 43 047 39488)
NBU 1022-13K-3T (API 43 047 39489)

Petro-Canada Resources (USA), Inc

State 16-41 (API 43 015 30721)
State 32-44 (API 43 015 30722)

Royale Energy, Inc

Vernal Equinox 2-2 (API 43 019 31552)

XTO Energy, Inc

State of Utah 16-8-31-13 (API 43 015 30719)
State of Utah 16-8-31-33D (API 43 015 30718)

If you have any questions regarding this matter please give me a call.



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

September 4, 2007

Kerr McGee Oil & Gas Onshore LP
1368 S 1200 E
Vernal, UT 84078

Re: Natural Buttes Unit 1022-13K-3T Well, 1754' FSL, 1666' FWL, NE SW, Sec. 13,
T. 10 South, R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39489.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
SITLA
Bureau of Land Management, Vernal Office

Operator: Kerr McGee Oil & Gas Onshore LP
Well Name & Number Natural Buttes Unit 1022-13K-3T
API Number: 43-047-39489
Lease: STUO-08512-ST

Location: NE SW Sec. 13 T. 10 South R. 22 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at: (801) 538-5338 office (801) 942-0873 home
- Carol Daniels at: (801) 538-5284 office
- Dustin Doucet at: (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
6. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.
7. Surface casing shall be cemented to the surface.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: KERR McGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995
 Address: 1368 SOUTH 1200 EAST
city VERNAL
state UT zip 84078 Phone Number: (435) 781-7024

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304739480	NBU 1022-13O4S		NESW	13	10S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<i>B</i>	99999	<i>2900</i>	11/12/2007			<i>11/26/07</i>	
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSMVD</i> SPUD WELL LOCATION ON 11/12/2007 AT 1500 HRS. <i>BAL = SWSE</i>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304739489	NBU 1022-13K-3T		NESW	13	10S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<i>B</i>	99999	<i>2900</i>	11/12/2007			<i>11/26/07</i>	
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSMVD</i> SPUD WELL LOCATION ON 11/12/2007 AT 11:30 AM.							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304738224	BONANZA 1023-10E		SWNW	10	10S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<i>A</i>	99999	<i>16501</i>	11/12/2007			<i>11/26/07</i>	
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSMVD</i> SPUD WELL LOCATION ON 11/12/2007 AT 1530 HRS							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

SHEILA UPCHEGO

Name (Please Print)

Signature

SENIOR LAND SPECIALIST

11/13/2007

Title

Date

RECEIVED

NOV 13 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: STUO-08512-ST
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP		8. WELL NAME and NUMBER: NBU 1022-13K-3T
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078	PHONE NUMBER: (435) 781-7024	9. API NUMBER: 4304739489
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1754'FSL, 1666'FWL		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 13 10S 22E		COUNTY: UINTAH
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>WELL SPUD</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7# SCHEDULE 10 PIPE. CMT W/28 SX READY MIX.

SPUD WELL LOCATION ON 11/12/2007 AT 11:30 AM.

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE SENIOR LAND ADMIN SPECIALIST
SIGNATURE	DATE 11/13/2007

(This space for State use only)

RECEIVED
NOV 20 2007
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: STUO-08512-ST
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP		8. WELL NAME and NUMBER: NBU 1022-13K-3T
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078		9. API NUMBER: 4304739489
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1754'FSL, 1666'FWL		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 13 10S 22E		COUNTY: UINTAH
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>SET SURFACE CSG</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

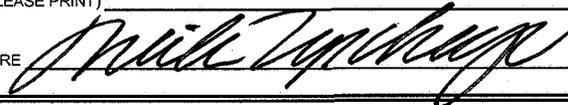
MIRU BILL MARTIN AIR RIG ON 11/25/2007. DRILLED 12 1/4" SURFACE HOLE TO 2170'. RAN 9 5/8" 36# J-55 SURFACE CSG. LEAD CMT W/300 SX PREM CLASS G @15.8 PPG 1.15 YIELD. TAILED CMT W/150 SX PREM CLASS G @15.8 PPG 1.15 YIELD. NO RETURNS TO PIT. TOP OUT W/200 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE GOOD CMT TO SURFACE HOLE STAYED FULL.

WORT.

RECEIVED

DEC 14 2007

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE SENIOR LAND ADMIN SPECIALIST
SIGNATURE 	DATE 12/10/2007

(This space for State use only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: STUO-08512-ST
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: NBU 1022-13K-3T	
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP		9. API NUMBER: 4304739489
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078	PHONE NUMBER: (435) 781-7024	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1754'FSL, 1666'FWL		COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 13 10S 22E		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: FINAL DRILLING OPERATIONS
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

FINISHED DRILLING FROM 2170' TO 8254' ON 01/13/2008. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. CMT W/340 SX PREM LITE II @11.3 PPG 3.02 YIELD. TAILED CMT W/1200 SX 50/50 POZ @14.3 PPG 1.31 YIELD. NIPPLE DOWN STACK & SET SLIPS W/50K ON SLIPS WASH AND CLEAN PITS.

RELEASED ENSIGN RIG 83 ON 01/16/2008 AT 2200 HRS.

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE SENIOR LAND ADMIN SPECIALIST
SIGNATURE	DATE 1/22/2008

(This space for State use only)

RECEIVED

JAN 28 2008

**NOTICE OF LATE REPORTING
DRILLING & COMPLETION INFORMATION**

Utah Oil and Gas Conservation General Rule R649-3-6 states that,

- Operators shall submit monthly status reports for each drilling well (including wells where drilling operations have been suspended).

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.

- Within 30 days after the completion or plugging of a well, the following shall be filed:
 - Form 8, Well Completion or Recompletion Report and Log
 - A copy of electric and radioactivity logs, if run
 - A copy of drillstem test reports,
 - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
 - A copy of core analyses, and lithologic logs or sample descriptions if compiled
 - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

As of the mailing of this notice, the division has not received the required reports for

Operator: Kerr-McGee Oil & Gas Onshore, LP Today's Date: 04/21/2008

Well: 43 047 39489 API Number: _____ Drilling Commenced: _____
NBU 1022-13K-3T
10S 22E 13

List Attached

To avoid compliance action, required reports should be mailed within 7 business days to:

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

If you have questions or concerns regarding this matter, please contact Rachel Medina
at (801) 538-5260.

cc: Well File
Compliance File

**NOTICE OF LATE REPORTING
DRILLING & COMPLETION INFORMATION**

ATTACHMENT

Operator: Kerr-McGee Oil & Gas Onshore, LP

Today's Date: 04/21/2008

Well:	API Number:	Drilling Commenced:
NBU 1022-13L3S	4304739485	10/26/2007
NBU 1022-13L4S	4304739486	10/26/2007
NBU 1022-13K3S	4304739481	10/27/2007
NBU 1022-13N2S	4304739487	10/27/2007
NBU 1022-13M2AS	4304739483	10/29/2007
NBU 1022-13N1S	4304739484	10/29/2007
NBU 1022-13M2CS	4304739488	10/29/2007
NBU 1022-13M1S	4304739482	10/30/2007
NBU 1021-1G	4304739001	11/01/2007
NBU 102213O4S	4304739480	11/12/2007
NBU 1022-13K-3T	4304739489	11/12/2007
NBU 1022-13O1CS	4304739476	11/13/2007
NBU 1022-13I4S	4304739475	11/15/2007
NBU 1022-13J4S	4304739477	11/15/2007

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: STUO-08512-ST
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078		7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1754'FSL, 1666'FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 13 10S 22E		8. WELL NAME and NUMBER: NBU 1022-13K-3T
PHONE NUMBER: (435) 781-7024		9. API NUMBER: 4304739489
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>PRODUCTION</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>START-UP</u>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 05/14/2008 AT 5:30 PM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE SENIOR LAND ADMIN SPECIALIST
SIGNATURE 	DATE 5/14/2008

(This space for State use only)

RECEIVED

MAY 19 2008

DIV. OF OIL, GAS & MINING

Wins No.: 95382

NBU 1022-13K3T

Well Operations Summary Long

Operator KERR-MCGEE OIL & GAS ONSHORE LP	FIELD NAME NATURAL BUTTES	SPUD DATE 11/12/2007	GL 5,293	KB 5310	ROUTE
API 4304739489	STATE UTAH	COUNTY UINTAH	DIVISION ROCKIES		
Long/Lat.: 39.94647 / -109.39165		Q-Q/Sect/Town/Range: / 13 / 10S / 22E	Footages: 1,754.00' FSL 1,666.00' FWL		

Wellbore: NBU 1022-13K3T

MTD 8,250	TVD 8,248	PBMD	PBTVD
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EVENT INFORMATION:	EVENT ACTIVITY: DRILLING	START DATE: 11/12/2007
	OBJECTIVE: DEVELOPMENT	END DATE: 1/16/2008
	OBJECTIVE 2: VERTICAL WELL	DATE WELL STARTED PROD.:
	REASON: PAD #1 - MV	Event End Status: SUSPENDED

RIG OPERATIONS:	Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
BILL JRS RATHOLE DRILLIN	11/23/2007	11/23/2007	11/23/2007	11/23/2007	12/07/2007	12/07/2007	12/07/2007

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
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11/12/2007							
SUPERVISOR: LEW WELDON							
	11:30 - 17:00	5.50	DRLCON	02		P	MOVE IN AND RIG UP BUCKET RIG SPUD WELL @ 1130 HR 11/12/07 DRILL AND SET 40' OF SCHEDULE 10 PIPE DRILL RODENT HOLES FOR RIG 83 BLM AND STATE NOTIFIED OF SPUD

11/23/2007							
SUPERVISOR: LEW WELDON							
	7:00 - 18:00	11.00	DRLSUR	02		P	MOVE IN AND RIG UP AIR RIG SPUD PIOLET HOLE @ 0700 HR 11/25/07 SDFN
	18:00 - 0:00	6.00	DRLSUR	12			SDFN

11/24/2007							
SUPERVISOR: LEW WELDON							
	0:00 - 6:00	6.00	DRLSUR	12		P	SDFN
	6:00 - 10:00	4.00	DRLSUR	02		P	RIH TO 900' AND T/D WELL @ 1020' CONDITION HOLE 1 HR AND POOH
	10:00 - 0:00	14.00	DRLSUR	12		P	WOAR

12/5/2007							
SUPERVISOR: LEW WELDON							
	2:00 - 8:00	6.00	DRLSUR	02		P	MOVE IN AND RIG UP AIR RIG RIH TO 1020' AND SPUD WELL @ 0200 12/5/07 1380'
	8:00 - 13:30	5.50	DRLSUR	07		Z	COMPRESSER WENT DOWN SHUT DOWN AND WAIT FOR NEW ONE TO COME FROM VERNAL

Wins No.:	95382	NBU 1022-13K3T				API No.:	4304739489
	8:00 - 13:30	5.50	DRLSUR	07	Z	COMPRESSER WENT DOWN SHUT DOWN AND WAIT FOR NEW ONE TO COME FROM VERNAL	
	13:30 - 0:00	10.50	DRLSUR	02	P	RIG DRILLING AHEAD HIT TRONA WATER @ 1410' CIRCULATING WITH SKID PUMP WITH FULL RETURNS	
12/6/2007							
SUPERVISOR: LEW WELDON							
	0:00 - 12:00	12.00	DRLSUR	02	P	RIG DRILLING AHEAD CIRCULATING WITH SKID PUMP WITH FULL RETURNS 1980'	
	12:00 - 22:00	10.00	DRLSUR	02	P	RIG T/D @ 2170' CONDITION HOLE 1.5 HR	
	22:00 - 0:00	2.00	DRLSUR	05	P	TRIP DP OUT OF HOLE AT REPORT TIME	
12/7/2007							
SUPERVISOR: LEW WELDON							
	0:00 - 4:00	4.00	DRLSUR	05	P	FINISH TRIPPING OUT OF HOLE	
	4:00 - 7:00	3.00	DRLSUR	11	P	RUN 9 5/8 CSG TAG FILL WITH 4 JNTS LEFT TO RUN IN HOLE RIG UP SKID PUMP TO CIRCULATE CSG DOWN	
	7:00 - 11:00	4.00	DRLSUR	11	P	CIRCULATE DOWN 3 1/2 JNTS CSG BECAME STUCK WITH + - 20' STICK UP WAS DECIDED TO CUT OFF CSG AND WELD COLLAR BACK ON	
	11:00 - 13:00	2.00	DRLSUR	12	P	WAIT ON WELDER CIRCULATE ON CSG WHILE WAITING NO MOVEMENT NO RETURNS TO PIT	
	13:00 - 16:30	3.50	DRLSUR	15	P	CUT OFF CSG AND LAY REMAINDER DOWN RIG DOWN AIR RIG WELD COLLAR BACK ON CSG TALLEY 2109'	
	16:30 - 17:30	1.00	DRLSUR	15	P	CEMENT 1ST STAGE WITH 300 SKS @ 15.8# 1.15 5.0 GAL/SK NO RETURNS TO PIT	
	17:30 - 18:00	0.50	DRLSUR	15	P	1ST TOP JOB 150 SKS DOWN BS WOC	
	18:00 - 20:00	2.00	DRLSUR	15	P	2ND TOP JOB 200 SKS DOWN BS GOOD CMT TO SURFACE AND STAYED AT SURFACE	
	20:00 - 0:00	4.00	DRLSUR	12	P	NO VISIBLE LEAKS WORT	
1/4/2008							
SUPERVISOR: STUART NEILSON							
	0:00 - 0:00	24.00	DRLPRO	01	B	P	RURT

1/5/2008

SUPERVISOR: STUART NEILSON

0:00 - 20:00	20.00	DRLPRO	01	B	P	RURT
20:00 - 21:00	1.00	DRLPRO	13	A	P	NU BOP
21:00 - 0:00	3.00	DRLPRO	13	C	P	TEST BOP

1/6/2008

SUPERVISOR: STUART NEILSON

0:00 - 5:00	5.00	DRLPRO	13	C	P	TEST BOP & ALL VALVES - 500 LOW 5000 HIGH, ANN 250 LOW - 2500 HIGH, CASING 1500, LAY OUT & STRAP BHA, INSTALL WEAR BUSHING
5:00 - 12:30	7.50	DRLPRO	05	A	P	HPJSM W/ RIG & PU CREW, RIU & PU BHA & DP, RID PU TRUCK, INSTALL MUD SAVER VALVE, TIGHTEN KELLY
12:30 - 17:00	4.50	DRLPRO	02	F	P	TAG CEMENT @ 2022', INSTALL KELLY SPINNERS, DRLG CEMENT & FIE
17:00 - 17:30	0.50	DRLPRO	09	A	P	SURVEY @ 2134' 1.79 DEG
17:30 - 0:00	6.50	DRLPRO	02	B	P	DRLG F1 2170 TO 2549 379' @ 58.3' PH W/ 8.5 PPG, START MUD UP

1/7/2008

SUPERVISOR: STUART NEILSON

0:00 - 3:30	3.50	DRLPRO	02	B	P	DRLG F1 2549 TO 2704 155' @ 44.3' PH W/ 8.5 PPG
3:30 - 4:00	0.50	DRLPRO	09	A	P	SURVEY @ 2629 2.01 DEG
4:00 - 12:30	8.50	DRLPRO	02	B	P	DRLG F1 2704 TO 3166 462' @ 54.4' PH W/ 8.5 PPG
12:30 - 13:00	0.50	DRLPRO	09	A	P	SURVEY @ 3085 1.40 DEG
13:00 - 14:00	1.00	DRLPRO	02	B	P	DRLG F1 3166 TO 3197 31' @ 31' PH W/ 8.5 PPG
14:00 - 14:30	0.50	DRLPRO	06	A	P	SERVICE RIG
14:30 - 18:30	4.00	DRLPRO	02	B	P	DRLG F1 3197 TO 3566 369' @ 92.3' PH W/ 8.5 PPG
18:30 - 19:00	0.50	DRLPRO	09	A	P	SURVEY @ 3491 1.46 DEG

19:00 - 0:00 5.00 DRLPRO 02 B P DRLG F\ 3566 TO 4028 462' @ 92.4' PH W\ 8.5 PPG

1/8/2008

SUPERVISOR: SID ARMSTRONG

0:00 - 6:00 6.00 DRLPRO 02 B P DRLG F/ 4,028 TO 4,457 - 429' AVG FPH 71.5 W/ 9.1 PPG

6:00 - 6:30 0.50 DRLPRO 09 A P SURVEY @ 4,457 DEV 1.46

6:30 - 15:30 9.00 DRLPRO 02 B P DRLG F/ 4,457 TO 5,168 - 711' AVG 79.0 FPH W/ 9.3 PPG

15:30 - 16:00 0.50 DRLPRO 06 A P SER RIG

16:00 - 20:00 4.00 DRLPRO 02 B P DRLG F/ 5,168 TO 5,444 - 276' AVG 69.0 FPH W/ 9.4 PPG

20:00 - 20:30 0.50 DRLPRO 09 A P SURVEY @ 5,369 DEV 1.66

20:30 - 0:00 3.50 DRLPRO 02 B P DRLG F/ 5,444 TO 5,582 - 138' AVG 39.4 FPH W/ 9.5 PPG

1/9/2008

SUPERVISOR: SID ARMSTRONG

0:00 - 15:30 15.50 DRLPRO 02 B P DRLG F/ 5,582 TO 6,093 - 511' AVG 32.9 FPH W/ 9.6 PPG

15:30 - 16:00 0.50 DRLPRO 06 A P RIG SER

16:00 - 0:00 8.00 DRLPRO 02 B P DRLG F/ 6,093 - T/6390' (297' @ 37.12fph) W/ 10.2ppg / 44vis

1/10/2008

SUPERVISOR: SID ARMSTRONG

0:00 - 15:30 15.50 DRLPRO 02 B P DRLG F/ 6,390 TO 6,862 (492' @ 31.7 FPH W/ 10.2 PPG)

15:30 - 16:00 0.50 DRLPRO 06 A P SER RIG

16:00 - 0:00 8.00 DRLPRO 02 B P DRLG F/ 6,862 TO 7125' (263' @ 32.87 FPH W/ 10.2 PPG)

1/11/2008

SUPERVISOR: SID ARMSTRONG

0:00 - 9:00 9.00 DRLPRO 02 B P DRLG F/ 7,125 TO 7,388 (263' @ 29.2 FPH W/ 10.2 PPG

9:00 - 18:00 9.00 DRLPRO 05 A P T.F.N.B & MUD MOTOR & WASH 60' TO BTM (HAD TIGHT SPOT @ 3,000 DO TO BALLED UP BIT & MOTOR) NOTE : DIDN'T TAG ANYTHING T.I.H)

9:00 - 18:00	9.00	DRLPRO	05	A	P	T.F.N.B & MUD MOTOR & WASH 60' TO BTM (HAD TIGHT SPOT @ 3,000 DO TO BALLED UP BIT & MOTOR) NOTE : DIDN'T TAG ANYTHING T.I.H)
18:00 - 0:00	6.00	DRLPRO	02	B	P	DRLG F/ 7,388 TO 7575' (138' @ 23fph)

1/12/2008

SUPERVISOR: SID ARMSTRONG

0:00 - 16:00	16.00	DRLPRO	02	B	P	DRLG F/ 7,575 TO 7,913 (338' @ 21.1 FPH W/ 11.4 PPG
16:00 - 16:30	0.50	DRLPRO	06	A	P	SER RIG
16:30 - 0:00	7.50	DRLPRO	02	B	P	DRLG F/ 7,913 TO 8022' (109' @ 14.53fph) W/ 11.5ppg - 45vis

1/13/2008

SUPERVISOR: SID ARMSTRONG

0:00 - 11:30	11.50	DRLPRO	02	B	P	DRLG F/ 8,022 TO 8,254 (232' AVG 20.1 FPH W/ 11.6 PPG
11:30 - 12:30	1.00	DRLPRO	04	A	P	CIRC BTM UP
12:30 - 15:30	3.00	DRLPRO	05	E	P	SHORT TRIP 30 STANDS
15:30 - 16:30	1.00	DRLPRO	04	A	P	CIRC BTM UP
16:30 - 21:00	4.50	DRLPRO	05	B	P	T.O.H F LOGS / LAY DOWN MOTOR / FUNCTION TEST BLIND RAMS & ANNULAR /
21:00 - 0:00	3.00	DRLPRO	08	F	P	SAFETY MEETING / MIRU BAKER ATLAS LOGGING EQUIP. / LOG WELL F/ 8254' - T/ SURFACE W/ NO PROBLEMS

1/14/2008

SUPERVISOR: SID ARMSTRONG

0:00 - 8:30	8.50	DRLPRO	10	C	P	FINISH LOGGING W/ BAKER HUGHES
8:30 - 13:30	5.00	DRLPRO	05	E	P	T.I.H & WASH 100' TO BTM (NO FILL)
13:30 - 15:00	1.50	DRLPRO	04	A	P	CIRC BTM UP F/ SIDEWALL CORES
15:00 - 18:30	3.50	DRLPRO	05	E	P	T.O.H F/ SIDEWALL CORES
18:30 - 0:00	5.50	DRLPRO	10	C	P	R/U BAKER & T.I.H & TAKE SIDEWALL CORES / WIRELINE STICKING / CORING OPERATION ABORTED

Wins No.: 95382

NBU 1022-13K3T

API No.: 4304739489

1/15/2008

SUPERVISOR: SID ARMSTRONG

Time	Duration	Phase	Code	Subcode	P/U	Operation
0:00 - 0:30	0.50	DRLPRO	10	C	P	FINSH R/D BAKER WIRELINE
0:30 - 5:00	4.50	DRLPRO	05	E	P	T.I.H & WASH 105' TO BTM
5:00 - 6:30	1.50	DRLPRO	04	C	P	CIRC BTM UP
6:30 - 13:00	6.50	DRLPRO	05	F	P	L.D.D.P & DC'S & PULL WEAR BUSHING
13:00 - 21:30	8.50	DRLPRO	11	B	P	R/U & RUN 4 1/2 PRODUCTION STRING
21:30 - 22:00	0.50	DRLPRO	11	A	P	INSTALL MANDREL & CEMENT HEAD
22:00 - 23:30	1.50	DRLPRO	04	A	P	BREAK CIRCULATION / R.D.M.O. CASING EQUIPMENT
23:30 - 0:00	0.50	DRLPRO	15	A	P	S/M - M.I.R.U. BJ EQUIPMENT / PRIME UP PUMP EQUIPMENT / PUMP TRUCK BROKE DOWN

1/16/2008

SUPERVISOR: SID ARMSTRONG

Time	Duration	Phase	Code	Subcode	P/U	Operation
0:00 - 11:00	11.00	DRLPRO	15	A	Z	WORK ON CEMENT PUMP TRUCKS
11:00 - 14:00	3.00	DRLPRO	15	A	P	CEMENT 4 1/2 PRODUCTION STRING
14:00 - 18:00	4.00	DRLPRO	13	A	P	NIPPLE DOWN STACK & SET SLIPS W/ 50K ON SLIPS
18:00 - 22:00	4.00	DRLPRO	08	E	P	WASH & CLEAN OUT PITS
22:00 - 0:00	2.00	DRLPRO	01	E	P	R/D & RIG RELEASED @ 22:00 HRS ON 1/16/2008

EVENT INFORMATION:

EVENT ACTIVITY: COMPLETION

START DATE: 2/1/2008

OBJECTIVE: CONSTRUCTION

END DATE: 3/2/2008

OBJECTIVE 2:

DATE WELL STARTED PROD.:

REASON:

Event End Status:

RIG OPERATIONS:

Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
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Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
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12/31/2007

SUPERVISOR: SID ARMSTRONG

Wins No.: 95382

NBU 1022-13K3T

API No.: 4304739489

EVENT INFORMATION:	EVENT ACTIVITY: COMPLETION	START DATE: 5/7/2008
	OBJECTIVE: DEVELOPMENT	END DATE:
	OBJECTIVE 2: ORIGINAL	DATE WELL STARTED PROD.:
	REASON: PAD #1 - MV	Event End Status:

RIG OPERATIONS:	Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
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Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
5/7/2008							
SUPERVISOR: DOUG CHIVERS							
	14:00 - 14:30	0.50	COMP	48		P	HSM. FRACING & PERFORATING
	14:30 - 18:00	3.50	COMP	36	B	P	STG 1) RIH W/ 3 3/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING, PERF 8,133' - 38 4 SPF, 8,113' - 18' 4 SPF, 40 HOLES. WHP 0 PSI, BRK 4,774 PSI @ 2.6 BPM, ISIP 2,767 PSI, FG .78. PUMP 100 BBLS @ 49.7 BPM @ 4,600 PSI = 37 OF 40 HOLES OPEN 92%. MP 6,400 PSI, MR 51.6 BPM, AP 4,485 PSI, AR 49.7 BPM, ISIP 2,662 PSI, FG .77, NPI -105. PUMP 815 BBLS OF SKL WATER & 18,637 LBS OF 30/50 SAND & 5,000 LBS OF 20/40 RESIN SAND. TOTAL PROP 23,637 LBS. SWI SDFN
5/8/2008							
SUPERVISOR: DOUG CHIVERS							
	7:00 - 7:30	0.50	COMP	48		P	HSM. FRACING & PERFORATING [BRGHT GRN WELL]

7:30 - 19:30 12.00 COMP 36 B P

STG 2) PU 4 1/2" CBP & RIH W/ 3 3/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING.
 SET 8K BAKER CBP @ 8,000' & PERF 7,963' - 70' 4SPF, 7,841' - 44' 4 SPF, 40 HOLES.
 WHP 2,050 PSI, BRK 3,610 PSI @ 2.8 BPM, ISIP 2,502 PSI, FG .76.
 PUMP 100 BBLS @ 50.5 BPM @ 4,400 PSI = 33 OF 40 HOLES OPEN 83%.
 MP 4,596 PSI, MR 51.8 BPM, AP 4,327 PSI, AR 51.5 BPM, ISIP 2,648 PSI, FG .77, NPI 146.
 PUMP 1,364 BBLS OF SKL WATER & 42,813 LBS OF 30/50 SAND & 5,000 LBS OF 20/40 RESIN SAND. TOTAL PROP 47,813 LBS.

STG 3) PU 4 1/2" CBP & RIH W/ 3 3/8" EXP GNS, 23 GRM, .36 HOLES, 90 120 & 180 DEG PHASING.
 SET 8K BAKER CBP @ 7,727' & PERF 7,690' - 97' 4SPF, 7,639' - 40' 2 SPF, 7,589' - 90' 2 SPF, 7,542' - 46' 3 SPF, 44 HOLES.
 WHP 630 PSI, BRK 2,979 PSI @ 2.6 BPM, ISIP 2,340 PSI, FG .75.
 PUMP 100 BBLS @ 40 BPM @ 3,900 PSI = 33 OF 40 HOLES OPEN 70%.
 AFTER 69,657 LBS OF SAND PUMPED PRESSURE INCREASED FROM 3,803 PSI TO 4,524 PSI. WE PUMPED A 200 BBL SWEEP & STARTED SAND BACK.
 WENT TO FLUSH 22,955 LBS EARLY & WE WERE ABLE TO GET WELL FLUSHED.
 MP 6,349 PSI, MR 40.3 BPM, AP 3,950 PSI, AR 40 BPM, ISIP 2,857 PSI, FG .81, NPI 517.
 PUMP 3,759 BBLS OF SKL WATER & 117,147 LBS OF 30/50 SAND & 5,000 LBS OF 20/40 RESIN SAND. TOTAL PROP 122,147 LBS.

STG 4) PU 4 1/2" CBP & RIH W/ 3 3/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING.
 SET 8K BAKER CBP @ 7,476' & PERF 7,440' - 46' 4 SPF, 7,414' - 16' 4 SPF, 7,407' - 10' 4 SPF, 44 HOLES.
 WHP 1,850 PSI, BRK 3,668 PSI @ 2.7 BPM, ISIP 2,603 PSI, FG .79.
 PUMP 100 BBLS @ 51.2 BPM @ 4,500 PSI = 35 OF 44 HOLES OPEN 80%.
 MP 5,754 PSI, MR 52.6 BPM, AP 4,585 PSI, AR 51 BPM, ISIP 2,849 PSI, FG .82, NPI 246.
 PUMP 1,053 BBLS OF SKL WATER & 31,157 LBS OF 30/50 SAND & 5,000 LBS OF 20/40 RESIN SAND. TOTAL PROP 36,157 LBS.

STG 5) PU 4 1/2" CBP & RIH W/ 3 3/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING.
 SET 8K BAKER CBP @ 7,266' & PERF 7,230' - 36' 4 SPF, 7,206' - 10' 4 SPF, 40 HOLES.
 WHP 2,000 PSI, BRK 2,191 PSI @ 1.2 BPM, ISIP 2,087 PSI, FG .73.
 PUMP 100 BBLS @ 40 BPM @ 3,700 PSI = 29 OF 40 HOLES OPEN 72%.
 MP 3,814 PSI, MR 40.3 BPM, AP 3,343 PSI, AR 40 BPM, ISIP 2,554 PSI, FG .79, NPI 467.
 PUMP 1,461 BBLS OF SKL WATER & 46,370 LBS OF 30/50 SAND & 5,000 LBS OF 20/40 RESIN SAND. TOTAL PROP 51,370 LBS.

STG 6) PU 4 1/2" CBP & RIH W/ 3 3/8" EXP GNS, 23 GRM, .36 HOLES, 90 & 120 DEG PHASING.
 SET 8K BAKER CBP @ 7,110' & PERF 7,078' - 80' 4 SPF, 7,030' - 33' 3 SPF, 6,988' - 90' 4SPF, 6,922' - 26' 4 SPF, 41 HOLES.
 WHP=0#. PSI, BRK 2,976 PSI @ 3 BPM, ISIP 1191 PSI, FG .61.
 PUMP 197 BBLS @ 51.5 BPM @ 3,750 PSI = 32 OF 41 HOLES OPEN 78%.
 MP 5213 PSI, MR 54 BPM, AP 3689 PSI, AR 51.4 BPM, ISIP 2214 PSI, FG .76, NPI 1023.
 PUMP 2940 BBLS OF SKL WATER & 104,720 LBS OF 30/50 SAND & 5,000 LBS OF 20/40 RESIN SAND. TOTAL PROP 109,720 LBS.

STG 7) PU 4 1/2" CBP & RIH W/ 3 3/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING.
 SET 8K BAKER CBP @ 6,820' & PERF 6,784' - 90' 4 SPF, 6,706' - 08' 4 SPF, 6,601' - 03' 4SPF, 40 HOLES.
 WHP 2000 PSI, BRK 2183 PSI @ 1.3 BPM, ISIP 2039 PSI, FG .74.
 PUMP 121 BBLS @ 40 BPM @ 3940 PSI = 26 OF 40 HOLES OPEN 65%.
 MP 3966 PSI, MR 40.6 BPM, AP 3311 PSI, AR 40.3 BPM, ISIP

Wins No.: 95382

NBU 1022-13K3T

API No.: 4304739489

2396 PSI, FG .74, NPI 357.
PUMP 1992 BBLS OF SKL WATER & 67450 LBS OF 30/50 SAND &
5,000 LBS OF 20/40 RESIN SAND. TOTAL PROP 72,450 LBS.

[KILL PLUG] RIH W/ BAKER 8K CBP & SET @ 6551'. POOH & L/D
WIRELINE TOOLS.

SDFN

5/12/2008

SUPERVISOR: GARTH McCONKIE

7:00	-	7:30	0.50	COMP	48
7:30	-	7:30	0.00	COMP	44

P DAY 3 - JSA & SM #3.

ROAD RIG FROM NBU 1022-180 TO NBU 1022-13K3T. MIRU RIG,
SPOT EQUIP. OPEN WELL, 0 PSI. ND FRAC VALVES, NUBOP.
R/U FLOOR & TBG EQUIP. PREP & TALLY TBG.

P/U 3 7/8" BIT, POBS & XN NIPPLE. RIH ON NEW 2 3/8" J55 TBG.
EOT 6415'.

18:00 SWI - SDFN. PREP WELL TO DRLG CBP'S IN AM.

5/13/2008

SUPERVISOR: GARTH McCONKIE

7:00	-	7:30	0.50	COMP	48
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P DAY 4 - JSA & SM #4

7:30 - 17:00 9.50 COMP 44 C P

SICP = 0 PSI. CONT. RIH W/TBG. TAG FILL @ 6521'. R/U PWR SWVL & PMP. P.T. BOP TO 3000 PSI. EST. CIRC. W/2% KCL WTR. C/O 30' OF SND.

CBP #1) DRLG OUT BAKER 8K CBP @ 6551' IN 8 MIN. 200 LBS DIFF. PSI. RIH, TAG SND @ 6796'. C/O 30' OF SND. FCP = 50 PSI.

CBP #2) DRLG OUT BAKER 8K CBP @ 6826' IN 8 MIN. 200 LBS DIFF. PSI. RIH, TAG SND @ 7080'. C/O 30' OF SND. FCP = 100 PSI.

CBP #3) DRLG OUT BAKER 8K CBP @ 7110' IN 10 MIN. 300 LBS DIFF. PSI. RIH, TAG SND @ 7236'. C/O 30' OF SND. FCP = 150 PSI.

CBP #4) DRLG OUT BAKER 8K CBP @ 7266' IN 10 MIN. 200 LBS DIFF. PSI. RIH, TAG SND @ 7446'. C/O 30' OF SND. FCP = 150 PSI.

CBP #5) DRLG OUT BAKER 8K CBP @ 7476' IN 11 MIN. 200 LBS DIFF. PSI. RIH, TAG SND @ 7697'. C/O 30' OF SND. FCP = 200 PSI.

CBP #6) DRLG OUT BAKER 8K CBP @ 7727' IN 10 MIN. 200 LBS DIFF. PSI. RIH, TAG SND @ 7970'. C/O 30' OF SND. FCP = 300 PSI.

CBP #7) DRLG OUT BAKER 8K CBP @ 8000' IN 10 MIN. 200 LBS DIFF. PSI. RIH, TAG SND @ 8164'. C/O 40' OF SND. FCP = 350 PSI. EOT @ 8204', PBTD @ 8204'. CIRC WELL CLEAN. R/D PWR SWVL. RU TBG EQUIP.

POOH & L/D 25 JTS TBG ON FLOAT, (36 JTS TOTAL). (CRIMPED 2 JTS TBG W/PIPE RAMS). LAND TBG (2 JTS HIGH) ON HANGER W/236 JTS NEW 2 3/8" J55 TBG. EOT @ 7422.79' + POBS & XN NIPPLE @ 7442.82'.

(NOTE - TOP JT IN WELL MAY BE CRIMPED SLIGHTLY - MAY WANT TO RUN GUAGE RING PRIOR TO DROPPING PLUNGER)

R/D FLOOR & TBG EQUIP. NDBOP, DROP BALL, NUWH. PMP OFF BIT @ 1700 PSI. WAIT 30 MIN. FOR BIT TO FALL TO BTM.

16:00 TURN WELL OVER TO FBC. SICP = 1650 PSI. FTP = 300 PSI. 11884 BBLs LTR.

NOTE - PIPE RAMS MUST OF HAD A PEACE OF CBP IN THEM WHEN FIRST CLOSED ON TBG, BENDING RUBBER INSERT CASINGS, CAUSING THEM TO CRIMP THE TBG WHEN CLOSED.

RDMO NBU 1022-13K-3T. MIRU ON NBU 1022-130-4S. SPOT EQUIP. (PAD WELLS)

17:00 SDFN - PREP WELL TO P/U TBG IN AM.

5/14/2008

SUPERVISOR: MARK BONNIE

7:00 - PROD 33 A

7 AM FLBK REPORT: CP 2000#, TP 1600#, 20/64" CK, 36 BWPH, MEDIUM SAND, LIGHT GAS
TTL BBLs RECOVERED: 581
BBLs LEFT TO RECOVER: 13,063

17:30 - PROD

WELL TURNED TO SALES @ 1730 HR ON 05/14/2008 - FTP 1625#, CP 2850#, 20/64", 125 MCFD, 696 BWPD

5/15/2008

SUPERVISOR: MARK BONNIE

7:00 - PROD 33 A

7 AM FLBK REPORT: CP 2850#, TP 1625#, 20/64" CK, 29 BWPH, MEDIUM SAND, 734 MCFD
TTL BBLs RECOVERED: 1331
BBLs LEFT TO RECOVER: 12,313

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL GAS WELL DRY OTHER _____

b. TYPE OF WORK: NEW WELL HORIZ. LATS. DEEP-EN RE-ENTRY DIFF. RESVR. OTHER _____

2. NAME OF OPERATOR: **KERR MCGEE OIL & GAS ONSHORE LP**

3. ADDRESS OF OPERATOR: **1368 S 1200 E** CITY **VERNAL** STATE **UT** ZIP **84078** PHONE NUMBER: **(435) 781-7024**

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: **1754'FSL, 1666'FWL**
AT TOP PRODUCING INTERVAL REPORTED BELOW:
AT TOTAL DEPTH:

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
NESW 13 10S 22E

12. COUNTY **UINTAH** 13. STATE **UTAH**

14. DATE SPUDDED: **11/12/2007** 15. DATE T.D. REACHED: **1/13/2008** 16. DATE COMPLETED: **5/14/2008** ABANDONED READY TO PRODUCE 17. ELEVATIONS (DF, RKB, RT, GL): **5293'GL**

18. TOTAL DEPTH: MD **8,254** TVD _____ 19. PLUG BACK T.D.: MD **8,204** TVD _____ 20. IF MULTIPLE COMPLETIONS, HOW MANY? * _____ 21. DEPTH BRIDGE MD _____ TVD _____ PLUG SET: _____

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
CBL-CCL-GR, BPL, XMAC, MAA, COMP 2, CD, CDI
Cal, HDI

23. WAS WELL CORED? NO YES (Submit analysis)
WAS DST RUN? NO YES (Submit report)
DIRECTIONAL SURVEY? NO YES (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20"	14" STL	36.7#		40		28			
12 1/4"	9 5/8 J-55	36#		2,170		650			
7 7/8"	4 1/2 I-80	11.6#		8,254		1540			

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	7,423							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) MESAVERDE	6,601	8,138			6,601 8,138	0.36	289	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B) WSMVD								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
6601'-8138'	PMP 13,384 BBLs SLICK H2O & 463,294# 30/50 SD

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

29. ENCLOSED ATTACHMENTS: ELECTRICAL/MECHANICAL LOGS GEOLOGIC REPORT DST REPORT DIRECTIONAL SURVEY
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION CORE ANALYSIS OTHER: **RECEIVED**

30. WELL STATUS: **PROD**

JUN 18 2008

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 5/14/2008		TEST DATE: 5/31/2008		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL – BBL: 0	GAS – MCF: 1,664	WATER – BBL: 240	PROD. METHOD: FLOWING
CHOKE SIZE: 18/64	TBG. PRESS. 1,300	CSG. PRESS. 1,850	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 1,664	WATER – BBL: 240	INTERVAL STATUS: PROD	

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →		OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:	

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →		OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:	

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →		OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:	

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
WASATCH	4,008	6,182			
MESAVERDE	6,182				

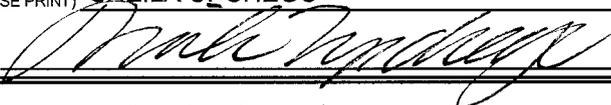
35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) SHEILA UPCHEGO

TITLE SENIOR LAND ADMIN SPECIALIST

SIGNATURE



DATE 6/16/2008

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340
Fax: 801-359-3940

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: STUO-08512-ST
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 1022-13K-3T
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047394890000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1754 FSL 1666 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 13 Township: 10.0S Range: 22.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/9/2009	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THIS WELL RETURNED TO PRODUCTION ON 11/09/2009.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 December 07, 2009

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 12/3/2009

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: STUO-08512-ST
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 1022-13K-3T
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047394890000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6514 9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1754 FSL 1666 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 13 Township: 10.0S Range: 22.0E Meridian: S	COUNTY: UINTAH STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 1/24/2012	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The operator requests authorization to recomplete the subject well. The operator requests approval to recomplete the Wasatch and the Mesaverde formations. The operator will commingle the Wasatch and the Mesaverde formations. Please see the attached procedure. Thank you.

Approved by the Utah Division of Oil, Gas and Mining
Date: February 02, 2012
By: *D. K. Duff*

NAME (PLEASE PRINT) Jaime Scharnowske	PHONE NUMBER 720 929-6304	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 1/24/2012	

Greater Natural Buttes Unit



NBU 1022-13K3T
RE-COMPLETIONS PROCEDURE

DATE:8/15/2011
AFE#:
API#:4304739489
USER ID:JVN975 (Frac Invoices Only)

COMPLETIONS ENGINEER: Michael Sollee, Denver, CO
(720)-929-6057 (Office)
(832)-859-0515 (Cell)

SIGNATURE:

ENGINEERING MANAGER: JEFF DUFRESNE

SIGNATURE:

REMEMBER SAFETY FIRST!

Name: NBU 1022-13K3T
Location: SW NE SW SEC 13 T10S R22E
LAT: 39.946069 **LONG: -109.392822** **COORDINATE: NAD83 (Surface)**
Uintah County, UT
Date: 8/15/2011

ELEVATIONS: 5293' GL 5310' KB *Frac Registry TVD: 8252*

TOTAL DEPTH: 8254' **PBTD:** 8206'
SURFACE CASING: 9 5/8", 36# J-55 LT&C @ 2122'
PRODUCTION CASING: 4 1/2", 11.6#, I-80 LT&C @ 8250'
Marker Joint **3923-3944'**

TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 1/2" 11.6# I-80 (See above)	7780	6350	3.875"	0.0155	0.6528
2 3/8" by 4 1/2" Annulus				0.0101	0.4227

TOPS:

1046' Green River Top
1310' Bird's Nest Top
1732' Mahogany Top
4008' Wasatch Top
6165' Mesaverde Top

BOTTOMS:

6165' Wasatch Bottom
8254' Mesaverde Bottom (TD)

T.O.C. @ 95'

GENERAL:

- A minimum of **7** tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Bakers Induction-Density-Neutron log dated 1/13/2008
- **4** fracturing stages required for coverage.
- Procedure calls for **5** CBP's (**8000** psi) .
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Pump scale inhibitor at 3 gpt (in pad and until 1.25 ppg ramp up is reached) and 10 gpt in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, **Slickwater frac.**
- Maximum surface pressure **6200** psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). Stage acid and scale inhibitor if necessary to cover the next perforated interval.

- **Call flush at 0 PPG @ inline densimeters. Slow to 5 bbl/min over last 10-20 bbls of flush. Flush to top perf.**
- **If distance between plug and top perf of previous stage is less than 50', it is considered to be tight spacing - over flush stage by 5 bbls (from top perf)**
- Tubing Currently Landed @~7389
- Originally completed on 5/7/2008

Existing Perforations:

NBU 1022-13K-3T

Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes	Fracture Coverage		
		Top, ft	Bottom, ft					
1	MESAVERDE	8113	8118	4	20	8111	to	8116
	MESAVERDE	8133	8138	4	20	8133	to	8138
	# of Perfs/stage				40	CBP DEPTH	8,000	
2	MESAVERDE	7841	7844	4	12	7813	to	7814
	MESAVERDE	7963	7970	4	28	7840	to	7844
	# of Perfs/stage				40	CBP DEPTH	7,727	
3	MESAVERDE	7542	7546	3	12	7511.5	to	7535
	MESAVERDE	7589	7590	2	2	7543	to	7556.5
	MESAVERDE	7639	7640	2	2	7586	to	7591.5
	MESAVERDE	7690	7697	4	28	7637	to	7640
	# of Perfs/stage				44	CBP DEPTH	7,476	
4	MESAVERDE	7407	7410	4	12	7399	to	7401
	MESAVERDE	7414	7416	4	8	7408	to	7410
	MESAVERDE	7440	7446	4	24	7414	to	7417
	# of Perfs/stage				44	CBP DEPTH	7,266	
5	MESAVERDE	7206	7210	4	16	7196	to	7199
	MESAVERDE	7230	7236	4	24	7206	to	7211
	# of Perfs/stage				40	CBP DEPTH	7,110	
6	MESAVERDE	6922	6926	4	16	6901	to	6903.5
	MESAVERDE	6988	6990	4	8	6906.5	to	6937
	MESAVERDE	7030	7033	3	9	6986	to	6992
	MESAVERDE	7078	7080	4	8	7026.5	to	7028.5
	# of Perfs/stage				41	CBP DEPTH	6,820	
7	MESAVERDE	6601	6603	4	8	6601.5	to	6604.5
	MESAVERDE	6706	6708	4	8	6605.5	to	6607
	MESAVERDE	6784	6790	4	24	6685.5	to	6687.5
	# of Perfs/stage				40	CBP DEPTH	6,551	
	Totals				289			

Relevant History:

Last Slickline Report shows well was stacked out @~7389(Seat Nipple Depth). Fluid Level @~7100.

H2S History:

NBU 1022-13K-3T

Date	H2S H2S_SEPARATO R_PPM
4/1/2010	45.00
5/1/2010	
6/1/2010	
7/1/2010	
8/1/2010	
9/1/2010	
10/1/2010	
11/1/2010	
12/1/2010	
1/1/2011	
2/1/2011	
3/1/2011	
4/1/2011	
5/1/2011	
6/1/2011	
7/1/2011	
8/1/2011	

PROCEDURE: (If using any chemicals for pickling tubing or H2S Scavenging, have MSDS for all chemicals prior to starting work.)

1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
2. TOO H with 2-3/8", 4.7#, J-55 (or N-80) tubing (currently landed at ~7389'). Visually inspect for scale and consider replacing if needed.
3. If tbg looks ok consider running a gauge ring to 6280 (50' below proposed CBP). Otherwise P/U a mill and C/O to 6280 (50' below proposed CBP).

4. Set 8000 psi CBP at ~ 6230'. ND BOPs and NU frac valves. Test frac valves and casing to 1000 and 3500 psi for 15 minutes each and to 6200 psi for 30 minutes. As per standard operating procedure install steel blowdown line to reserve pit from 4-1/2" X 9-5/8" annulus with pressure relief valve in line. Pressure relief will be set to release at 500 psig. Lock **OPEN** the Braden head valve. Annulus will be monitored throughout stimulation. If release occurs, stimulation will be shut down. Well conditions will be assessed and actions taken as necessary to secure the well. UDOGM will be notified if a release to the annulus occurs.
5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:
- | Zone | From | To | spf | # of shots |
|-----------|------|------|-----|------------|
| WASATCH | 6050 | 6052 | 4 | 8 |
| WASATCH | 6090 | 6091 | 4 | 4 |
| MESAVERDE | 6197 | 6200 | 4 | 12 |
6. Breakdown perfs and establish injection rate (include scale inhibitor in fluid). Spot 250 gals of 15% HCL and let soak 5-10 min. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~6050' and trickle 250gal 15%HCL w/ scale inhibitor in flush .
7. Set 8000 psi CBP at ~5898'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:
- | Zone | From | To | spf | # of shots |
|---------|------|------|-----|------------|
| WASATCH | 5711 | 5713 | 4 | 8 |
| WASATCH | 5864 | 5868 | 4 | 16 |
8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~5711' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
9. Set 8000 psi CBP at ~5170'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:
- | Zone | From | To | spf | # of shots |
|---------|------|------|-----|------------|
| WASATCH | 5056 | 5058 | 4 | 8 |
| WASATCH | 5136 | 5140 | 4 | 16 |
10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~5056' trickle 250gal 15%HCL w/ scale inhibitor in flush.
11. Set 8000 psi CBP at ~4698'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:
- | Zone | From | To | spf | # of shots |
|---------|------|------|-----|------------|
| WASATCH | 4662 | 4668 | 4 | 24 |
12. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. Under-displace to ~4662' flush only with recycled water.
- 13.
14. Set 8000 psi CBP at~4612'.
14. TIH with 3 7/8" mill, pump open sub, XN nipple and tubing.
15. Mill 4 plugs and clean out to a depth of 6210'.
16. Land tubing at 6000', drop ball and pump open sub. Flow back completion load. RDMO
17. MIRU, POOH tbg and mill. TIH with POBS and mill.

18. Mill last plug @ 6230' clean out to PBSD at 8206'. Land tubing at $\pm 7389'$ pump off bit and bit sub. This well WILL be commingled at this time.

19. Clean out well with foam and/or swabbing unit until steady flow has been established from recomplete.

20. Leave surface casing valve open. Monitor and report any flow from surface casing. RDMO

For design questions, please call

Michael Sollee, Denver, CO

(720)-929-6057 (Office)

(832)-859-0515 (Cell)

For field implementation questions, please call

Jeff Samuels, Vernal, UT

435-781 7046 (Office)

NOTES:

If using any chemicals for pickling tubing or H2S Scavenging, have MSDS for all chemicals prior to starting work

Verify that the Braden head valve is locked OPEN.

Acid Pickling and H2S Procedures (If Required)

****PROCEDURE FOR PUMPING ACID DOWN TBG**

WHEN FINDING SCALE IN TUBING THAT IS ACID SOLUBLE, ENSURE THAT PLUNGER EQUIPMENT IS REMOVED AND ABLE TO PUMP DOWN TBG. INSTALL A 'T' IN PUMP LINE W/2" VALVE THAT NALCO CAN TIE INTO. HAVE 60 BBL 2% KCL MIXED W/ 10-15 GAL H2S SCAVENGER IN RIG FLAT TANK. (WE USED THE RIG FLAT TANK FOR MIXING CHEMICAL SO WE DIDN'T HAVE THE CHEMICAL IN ALL FLUIDS ON LOCATION, ONLY WHAT WE NEEDED TO PUMP DOWN HOLE)

1. PUMP 5-10 BBL 2% KCL DOWN TBG (NALCO CANNOT PUMP AGAINST PRESSURE)
2. NALCO WILL PUMP 3 DRUMS HCL (31%) INTO PUMP LINE.
3. FLUSH BEHIND ACID WITH 10-15 BBL 2% KCL
4. PUMP 2—30 BBL 2% W/ H2S SCAVENGER DOWN TBG.
5. PUMP REMAINDER OF 2% W/ H2S SCAVENGER DOWN CASING AND SHUT WELL IN FOR MINIMUM OF 2 HRS.
6. OVER DISPLACE DOWN TBG AND CSG TO FLUSH ACID AND SCAVENGER INTO FORMATION
7. MONITOR TUBING FOR FLOW AND CASING FOR H2S NOW AS POOH W/ TUBING.

**** PROCEDURE FOR PUMPING H2S SCAVENGER WITHOUT ACID**

PRIOR TO RIG MOVING ON OR AS RIG PULLS ONTO LOCATION. TEST CASING, TUBING AND SEPARATOR FOR H2S. IF FOUND MAKE SURE THAT PLUNGER SYSTEM IS REMOVED (IT IS POSSIBLE TO PUMP AROUND PLUNGERS BUT SOME WILL HAVE A STANDING VALVE IN SEATING NIPPLE).

1. MIX 10-15 GAL H2S SCAVENGER WITH 60-100 BBL 2% KCL IN RIG FLAT TANK.
2. PUMP 25 BBL MIXTURE DOWN TUBING AND REST DOWN CASING. SHUT WELL IN FOR 2 HOURS.
3. IF WELL HAS PRESSURE AFTER 2 HOURS – RETEST CASING AND TUBING FOR H2S.
4. FLUSH TUBING AND CASING PUSHING H2S SCAVENGER INTO FORMATION.
5. MONITOR TUBING FOR FLOW AND CASING FOR H2S NOW AS POOH W/ TUBING.

** As per APC standard operating procedure, APC foreman will verify ALL volumes pumped and record on APC Volume Report Form

Key Contact information

Completion Engineer

Michael Sollee: 832-859-0515, 720-929-6057

Production Engineer

Ben Smiley: 936-524-4231

Completion Supervisor Foreman

Jeff Samuels: 435-828-6515, 435-781-7046

Completion Manager

Jeff Dufresne: 720-929-6281, 303-241-8428

Vernal Main Office

435-789-3342

Emergency Contact Information—Call 911

Vernal Regional Hospital Emergency: 435-789-3342

Police: (435) 789-5835

Fire: 435-789-4222

Name NBU 1022-13K3T
Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes	Fracture Coverage		
		Top, ft	Bottom, ft					
1	WASATCH	6050	6052	4	8	6048.5	to	6060
	WASATCH	6090	6091	4	4	6087.5	to	6090.5
	MESAVERDE	6197	6200	4	12	6165.5	to	6208.5
	# of Perfs/stage				24	CBP DEPTH	5,898	
2	WASATCH	5711	5713	4	8	5706.5	to	5714.5
	WASATCH	5864	5868	4	16	5853.5	to	5870
	# of Perfs/stage				24	CBP DEPTH	5,170	
3	WASATCH	5056	5058	4	8	5056	to	5062.5
	WASATCH	5136	5140	4	16	5126.5	to	5150
	# of Perfs/stage				24	CBP DEPTH	4,698	
4	WASATCH	4662	4668	4	24	4647	to	4685.5
	# of Perfs/stage				24	CBP DEPTH	4,612	
	Totals				96			

MD	TVD	INC		MD	TVD	INC
0	0	0		4100	4098.78	2
100	100	0.25		4200	4198.72	2
200	200	0		4300	4298.67	1.5
300	300	0.75		4400	4398.64	1.5
400	399.99	0.75		4500	4498.6	1.5
500	499.98	1		4600	4598.58	0.75
600	599.96	1.25		4700	4698.58	0.75
700	699.93	1.25		4800	4798.56	1
800	799.91	1.25		4900	4898.55	0.75
900	899.88	1.5		5000	4998.53	1.5
1000	999.85	1.5		5100	5098.5	1.25
1100	1099.82	1.25		5200	5198.47	1.5
1200	1199.79	1.25		5300	5298.44	1.5
1300	1299.78	1.25		5400	5398.41	1.5
1400	1399.77	0.25		5500	5498.36	2
1500	1499.77	0.25		5600	5598.3	2
1600	1599.77	0		5700	5698.24	2
1700	1699.77	0		5800	5798.18	1.75
1800	1799.77	0		5900	5898.14	1.5
1900	1899.76	0.75		6000	5998.1	2
2000	1999.74	1.5		6100	6098.05	1.5
2100	2099.71	1.5		6200	6198.02	1.5
2200	2199.67	1.75		6300	6297.98	1.5
2300	2299.62	1.75		6400	6397.94	1.75
2400	2399.58	1.75		6500	6497.9	1.5
2500	2499.53	1.75		6600	6597.86	2
2600	2599.48	1.75		6700	6697.81	1.5
2700	2699.44	1.75		6800	6797.77	1.75
2800	2799.4	1.5		6900	6897.72	1.75
2900	2899.36	1.5		7000	6997.67	2
3000	2999.33	1.5		7100	7097.61	2
3100	3099.29	1.5		7200	7197.56	1.5
3200	3199.26	1.5		7300	7297.53	1.5
3300	3299.22	1.75		7400	7397.49	1.75
3400	3399.18	1.5		7500	7497.45	1.5
3500	3499.15	1.5		7600	7597.41	1.75
3600	3599.1	2		7700	7697.36	1.75
3700	3699.04	2		7800	7797.31	2
3800	3798.97	2.25		7900	7897.23	2.5
3900	3898.9	2		8000	7997.13	2.75
4000	3998.84	2		8100	8097	3
				8159	8155.93	2.75

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
1. TYPE OF WELL Gas Well	5. LEASE DESIGNATION AND SERIAL NUMBER: STUO-08512-ST
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1754 FSL 1666 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 13 Township: 10.0S Range: 22.0E Meridian: S	8. WELL NAME and NUMBER: NBU 1022-13K-3T
PHONE NUMBER: 720 929-6511	9. API NUMBER: 43047394890000
9. FIELD and POOL or WILDCAT: NATURAL BUTTES	COUNTY: UINTAH
	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 2/6/2012	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The operator requests authorization to recomplete the subject well. The operator requests approval to recomplete the Wasatch and the Mesaverde formations. The operator will commingle the Wasatch and the Mesaverde formations. Please see the attached procedure. Thank you.

Approved by the Utah Division of Oil, Gas and Mining

Date: February 09, 2012

By: *Derek Duff*

NAME (PLEASE PRINT) Jaime Scharnowske	PHONE NUMBER 720 929-6304	TITLE Regularatory Analyst
SIGNATURE N/A	DATE 2/6/2012	

Greater Natural Buttes Unit



NBU 1022-13K3T
RE-COMPLETIONS PROCEDURE

DATE:1/17/2012
AFE#:2069408
API#:4304739489
USER ID:RACHAPPE (Frac Invoices Only)

COMPLETIONS ENGINEER: Michael Sollee, Denver, CO
(720)-929-6057 (Office)
(832)-859-0515 (Cell)

SIGNATURE:

ENGINEERING MANAGER: JEFF DUFRESNE

SIGNATURE:

REMEMBER SAFETY FIRST!

Name: NBU 1022-13K3T
Location: SW NE SW SEC 13 T10S R22E
LAT: 39.946467 **LONG:** -109.391653 **COORDINATE:** NAD83 (Surface)
 Uintah County, UT
Date: 1/17/2012

ELEVATIONS: 5293' GL 5310' KB *Frac Registry TVD: 8252*

TOTAL DEPTH: 8254' **PBTD:** 8206'
SURFACE CASING: 9 5/8", 36# J-55 LT&C @ 2122'
PRODUCTION CASING: 4 1/2", 11.6#, I-80 LT&C @ 8250'
 Marker Joint **3923-3944'**

TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 1/2" 11.6# I-80 (See above)	7780	6350	3.875"	0.0155	0.6528
2 3/8" by 4 1/2" Annulus				0.0101	0.4227

TOPS:

1046' Green River Top
 1310' Bird's Nest Top
 1732' Mahogany Top
 4008' Wasatch Top
 6165' Mesaverde Top

BOTTOMS:

6165' Wasatch Bottom
 8254' Mesaverde Bottom (TD)

T.O.C. @ 95'

GENERAL:

- A minimum of **7** tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Bakers Induction-Density-Neutron log dated 1/13/2008
- **3** fracturing stages required for coverage.
- Procedure calls for **4** CBP's (**8000** psi) .
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Pump scale inhibitor at 3 gpt (in pad and until 1.25 ppg ramp up is reached) and 10 gpt in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, **Slickwater frac.**
- Maximum surface pressure **6200** psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). Stage acid and scale inhibitor if necessary to cover the next perforated interval.

- Call flush at 0 PPG @ inline densiometers. Slow to 5 bbl/min over last 10-20 bbls of flush. Flush to top perf.
- If distance between plug and top perf of previous stage is less than 50', it is considered to be tight spacing - over flush stage by 5 bbls (from top perf)
- Tubing Currently Landed @~7389
- Originally completed on 5/7/2008

Existing Perforations:

NBU 1022-13K-3T

Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes	Fracture Coverage		
		Top, ft	Bottom, ft					
1	MESAVERDE	8113	8118	4	20	8111	to	8116
	MESAVERDE	8133	8138	4	20	8133	to	8138
	# of Perfs/stage				40	CBP DEPTH	8,000	
2	MESAVERDE	7841	7844	4	12	7813	to	7814
	MESAVERDE	7963	7970	4	28	7840	to	7844
	# of Perfs/stage				40	CBP DEPTH	7,727	
3	MESAVERDE	7542	7546	3	12	7511.5	to	7535
	MESAVERDE	7589	7590	2	2	7543	to	7556.5
	MESAVERDE	7639	7640	2	2	7586	to	7591.5
	MESAVERDE	7690	7697	4	28	7637	to	7640
	# of Perfs/stage				44	CBP DEPTH	7,476	
4	MESAVERDE	7407	7410	4	12	7399	to	7401
	MESAVERDE	7414	7416	4	8	7408	to	7410
	MESAVERDE	7440	7446	4	24	7414	to	7417
	# of Perfs/stage				44	CBP DEPTH	7,266	
5	MESAVERDE	7206	7210	4	16	7196	to	7199
	MESAVERDE	7230	7236	4	24	7206	to	7211
	# of Perfs/stage				40	CBP DEPTH	7,110	
6	MESAVERDE	6922	6926	4	16	6901	to	6903.5
	MESAVERDE	6988	6990	4	8	6906.5	to	6937
	MESAVERDE	7030	7033	3	9	6986	to	6992
	MESAVERDE	7078	7080	4	8	7026.5	to	7028.5
	# of Perfs/stage				41	CBP DEPTH	6,820	
7	MESAVERDE	6601	6603	4	8	6601.5	to	6604.5
	MESAVERDE	6706	6708	4	8	6605.5	to	6607
	MESAVERDE	6784	6790	4	24	6685.5	to	6687.5
	# of Perfs/stage				40	CBP DEPTH	6,551	
	Totals				289			

Relevant History:

Last Slickline Report shows well was stacked out @~7389(Seat Nipple Depth). Fluid Level @~7100.

H2S History:

NBU 1022-13K-3T

Date	H2S H2S_SEPARATO R_PPM
4/1/2010	45.00
5/1/2010	
6/1/2010	
7/1/2010	
8/1/2010	
9/1/2010	
10/1/2010	
11/1/2010	
12/1/2010	
1/1/2011	
2/1/2011	
3/1/2011	
4/1/2011	
5/1/2011	
6/1/2011	
7/1/2011	
8/1/2011	

PROCEDURE: (If using any chemicals for pickling tubing or H2S Scavenging, have MSDS for all chemicals prior to starting work.)

1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
2. TOOH with 2-3/8", 4.7#, J-55 (or N-80) tubing (currently landed at ~7389'). Visually inspect for scale and consider replacing if needed.
3. If tbg looks ok consider running a gauge ring to 6169 (50' below proposed CBP). Otherwise P/U a mill and C/O to 6169 (50' below proposed CBP).

4. Set 8000 psi CBP at ~ 6119'. ND BOPs and NU frac valves. Test frac valves and casing to 1000 and 3500 psi for 15 minutes each and to 6200 psi for 30 minutes. As per standard operating procedure install steel blowdown line to reserve pit from 4-1/2" X 9-5/8" annulus with pressure relief valve in line. Pressure relief will be set to release at 500 psig. Lock **OPEN** the Braden head valve. Annulus will be monitored throughout stimulation. If release occurs, stimulation will be shut down. Well conditions will be assessed and actions taken as necessary to secure the well. UDOGM will be notified if a release to the annulus occurs.
5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
WASATCH	5864	5868	3	12
WASATCH	6050	6052	3	6
WASATCH	6087	6089	3	6
6. Breakdown perfs and establish injection rate (include scale inhibitor in fluid). Spot 250 gals of 15% HCL and let soak 5-10 min. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~5864' and trickle 250gal 15%HCL w/ scale inhibitor in flush .
7. Set 8000 psi CBP at ~5,744'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
WASATCH	5341	5342	3	3
WASATCH	5504	5506	3	6
WASATCH	5710	5714	3	12
8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~5341' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
9. Set 8000 psi CBP at ~5,170'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	4913	4915	3	6
WASATCH	5056	5058	3	6
WASATCH	5136	5140	3	12
10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~4913' flush only with recycled water.
11. Set 8000 psi CBP at~4,863'.
14. TIH with 3 7/8" mill, pump open sub, XN nipple and tubing.
15. Mill 3 plugs and clean out to a depth of 6100'.
16. Land tubing at 5850', drop ball and pump open sub. Flow back completion load. RDMO
17. MIRU, POOH tbg and mill. TIH with POBS and mill.
18. Mill last plug @ 6119' clean out to PBSD at 8206'. Land tubing at ±7389' pump off bit and bit sub . This well WILL be commingled at this time.
19. Clean out well with foam and/or swabbing unit until steady flow has been established from recomplete.

20. Leave surface casing valve open. Monitor and report any flow from surface casing. RDMO

**For design questions, please call
Michael Sollee, Denver, CO
(720)-929-6057 (Office)
(832)-859-0515 (Cell)**

**For field implementation questions, please call
Jeff Samuels, Vernal, UT
435-781 7046 (Office)**

NOTES:

If using any chemicals for pickling tubing or H2S Scavenging, have MSDS for all chemicals prior to starting work

Verify that the Braden head valve is locked OPEN.

Acid Pickling and H2S Procedures (If Required)

****PROCEDURE FOR PUMPING ACID DOWN TBG**

WHEN FINDING SCALE IN TUBING THAT IS ACID SOLUBLE, ENSURE THAT PLUNGER EQUIPMENT IS REMOVED AND ABLE TO PUMP DOWN TBG. INSTALL A 'T' IN PUMP LINE W/2" VALVE THAT NALCO CAN TIE INTO. HAVE 60 BBL 2% KCL MIXED W/ 10-15 GAL H2S SCAVENGER IN RIG FLAT TANK. (WE USED THE RIG FLAT TANK FOR MIXING CHEMICAL SO WE DIDN'T HAVE THE CHEMICAL IN ALL FLUIDS ON LOCATION, ONLY WHAT WE NEEDED TO PUMP DOWN HOLE)

1. PUMP 5-10 BBL 2% KCL DOWN TBG (NALCO CANNOT PUMP AGAINST PRESSURE)
2. NALCO WILL PUMP 3 DRUMS HCL (31%) INTO PUMP LINE.
3. FLUSH BEHIND ACID WITH 10-15 BBL 2% KCL
4. PUMP 2—30 BBL 2% W/ H2S SCAVENGER DOWN TBG.
5. PUMP REMAINDER OF 2% W/ H2S SCAVENGER DOWN CASING AND SHUT WELL IN FOR MINIMUM OF 2 HRS.
6. OVER DISPLACE DOWN TBG AND CSG TO FLUSH ACID AND SCAVENGER INTO FORMATION
7. MONITOR TUBING FOR FLOW AND CASING FOR H2S NOW AS POOH W/ TUBING.

**** PROCEDURE FOR PUMPING H2S SCAVENGER WITHOUT ACID**

PRIOR TO RIG MOVING ON OR AS RIG PULLS ONTO LOCATION. TEST CASING, TUBING AND SEPARATOR FOR H2S. IF FOUND MAKE SURE THAT PLUNGER SYSTEM IS REMOVED (IT IS POSSIBLE TO PUMP AROUND PLUNGERS BUT SOME WILL HAVE A STANDING VALVE IN SEATING NIPPLE).

1. MIX 10-15 GAL H2S SCAVENGER WITH 60-100 BBL 2% KCL IN RIG FLAT TANK.
2. PUMP 25 BBL MIXTURE DOWN TUBING AND REST DOWN CASING. SHUT WELL IN FOR 2 HOURS.
3. IF WELL HAS PRESSURE AFTER 2 HOURS – RETEST CASING AND TUBING FOR H2S.
4. FLUSH TUBING AND CASING PUSHING H2S SCAVENGER INTO FORMATION.
5. MONITOR TUBING FOR FLOW AND CASING FOR H2S NOW AS POOH W/ TUBING.

** As per APC standard operating procedure, APC foreman will verify ALL volumes pumped and record on APC Volume Report Form

Key Contact information

Completion Engineer

Michael Sollee: 832-859-0515, 720-929-6057

Production Engineer

Ben Smiley: 936-524-4231

Completion Supervisor Foreman

Jeff Samuels: 435-828-6515, 435-781-7046

Completion Manager

Jeff Dufresne: 720-929-6281, 303-241-8428

Vernal Main Office

435-789-3342

Emergency Contact Information—Call 911

Vernal Regional Hospital Emergency: 435-789-3342

Police: (435) 789-5835

Fire: 435-789-4222

Name NBU 1022-13K3T
 Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes	Fracture Coverage		
		Top, ft	Bottom, ft					
1	WASATCH	5864	5868	3	12	5853.5	to	5870
	WASATCH	6050	6052	3	6	6048.5	to	6060
	WASATCH	6087	6089	3	6	6087.5	to	6090.5
	# of Perfs/stage				24	CBP DEPTH	5,744	
2	WASATCH	5341	5342	3	3	5339	to	5343.5
	WASATCH	5504	5506	3	6	5501.5	to	5523
	WASATCH	5710	5714	3	12	5706.5	to	5714.5
	# of Perfs/stage				21	CBP DEPTH	5,170	
3	WASATCH	4913	4915	3	6	4898.5	to	4921
	WASATCH	5056	5058	3	6	5056	to	5062.5
	WASATCH	5136	5140	3	12	5126.5	to	5150
	# of Perfs/stage				24	CBP DEPTH	4,863	
	Totals				69			

MD	TVD	INC		MD	TVD	INC
0	0	0		4100	4098.78	2
100	100	0.25		4200	4198.72	2
200	200	0		4300	4298.67	1.5
300	300	0.75		4400	4398.64	1.5
400	399.99	0.75		4500	4498.6	1.5
500	499.98	1		4600	4598.58	0.75
600	599.96	1.25		4700	4698.58	0.75
700	699.93	1.25		4800	4798.56	1
800	799.91	1.25		4900	4898.55	0.75
900	899.88	1.5		5000	4998.53	1.5
1000	999.85	1.5		5100	5098.5	1.25
1100	1099.82	1.25		5200	5198.47	1.5
1200	1199.79	1.25		5300	5298.44	1.5
1300	1299.78	1.25		5400	5398.41	1.5
1400	1399.77	0.25		5500	5498.36	2
1500	1499.77	0.25		5600	5598.3	2
1600	1599.77	0		5700	5698.24	2
1700	1699.77	0		5800	5798.18	1.75
1800	1799.77	0		5900	5898.14	1.5
1900	1899.76	0.75		6000	5998.1	2
2000	1999.74	1.5		6100	6098.05	1.5
2100	2099.71	1.5		6200	6198.02	1.5
2200	2199.67	1.75		6300	6297.98	1.5
2300	2299.62	1.75		6400	6397.94	1.75
2400	2399.58	1.75		6500	6497.9	1.5
2500	2499.53	1.75		6600	6597.86	2
2600	2599.48	1.75		6700	6697.81	1.5
2700	2699.44	1.75		6800	6797.77	1.75
2800	2799.4	1.5		6900	6897.72	1.75
2900	2899.36	1.5		7000	6997.67	2
3000	2999.33	1.5		7100	7097.61	2
3100	3099.29	1.5		7200	7197.56	1.5
3200	3199.26	1.5		7300	7297.53	1.5
3300	3299.22	1.75		7400	7397.49	1.75
3400	3399.18	1.5		7500	7497.45	1.5
3500	3499.15	1.5		7600	7597.41	1.75
3600	3599.1	2		7700	7697.36	1.75
3700	3699.04	2		7800	7797.31	2
3800	3798.97	2.25		7900	7897.23	2.5
3900	3898.9	2		8000	7997.13	2.75
4000	3998.84	2		8100	8097	3
				8159	8155.93	2.75

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: STUO-08512-ST
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 1022-13K-3T
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1754 FSL 1666 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 13 Township: 10.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047394890000
PHONE NUMBER: 720 929-6511		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/6/2012	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
<input type="checkbox"/> SPUD REPORT Date of Spud:		
<input type="checkbox"/> DRILLING REPORT Report Date:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <p>The operator has performed a recompletion on the subject well. The new perforations have not been commingled with the existing perforations at this time. The subject well was placed on production, Wasatch perforations only, on April 6, 2012 at 9:00 A.M. The details of the recompletion and the commingled initial production rates will be included with the well completion report.</p> <div style="text-align: right; margin-top: 20px;"> <p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>FOR RECORD ONLY</p> <p>May 02, 2012</p> </div>		
NAME (PLEASE PRINT) Jaime Scharnowske	PHONE NUMBER 720 929-6304	TITLE Regularatory Analyst
SIGNATURE N/A	DATE 4/9/2012	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER:
ST UO 08512

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME
UTU63047A

8. WELL NAME and NUMBER:
NBU 1022-13K3T

9. API NUMBER:
4304739489

10. FIELD AND POOL, OR WLDGAT
NATURAL BUTTES

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
NESW 13 10S 22E S

12. COUNTY
UINTAH

13. STATE
UTAH

1a. TYPE OF WELL: OIL WELL GAS WELL DRY OTHER _____

b. TYPE OF WORK: NEW WELL HORIZ. LATS. DEEP-EN RE-ENTRY DIFF. RESVR. OTHER **RECOMPLETION**

2. NAME OF OPERATOR:
KERR MCGEE OIL & GAS ONSHORE, L.P.

3. ADDRESS OF OPERATOR: P.O.BOX 173779 CITY **DENVER** STATE **CO** ZIP **80217** PHONE NUMBER: **(720) 929-6304**

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: **NESW 1754 FSL 1666 FWL S13,T10S,R22E**
AT TOP PRODUCING INTERVAL REPORTED BELOW:
AT TOTAL DEPTH:

14. DATE SPUNDED: **11/12/2007** 15. DATE T.D. REACHED: **1/13/2008** 16. DATE COMPLETED: **4/6/2012** ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):
5293 GL

18. TOTAL DEPTH: MD **8,254** TVD _____ 19. PLUG BACK T.D.: MD **8,204** TVD _____

20. IF MULTIPLE COMPLETIONS, HOW MANY? * 21. DEPTH BRIDGE MD _____ PLUG SET: TVD _____

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
CBL/CCL/GR

23. WAS WELL CORED? NO YES (Submit analysis)
WAS DST RUN? NO YES (Submit report)
DIRECTIONAL SURVEY? NO YES (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20"	14" STL	36.7#	0	40		28			
12 1/4"	9 5/8" J-55	36#	0	2,170		650			
7 7/8"	4 1/2" I-80	11.6#	0	8,524		1,540		95	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	7,385							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) WASATCH	4,913	6,089		
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
4,913 6,089	0.36	69	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
4913-6089	PUMP 2,483 BBLs SLICK H2O & 77,239 LBS 30/50 OTTAWA SAND 3 STAGES

RECEIVED
JUN 26 2012
DIV. OF OIL, GAS & MINING

29. ENCLOSED ATTACHMENTS:

ELECTRICAL/MECHANICAL LOGS GEOLOGIC REPORT DST REPORT DIRECTIONAL SURVEY
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION CORE ANALYSIS OTHER: _____

30. WELL STATUS:
PROD

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 4/6/2012		TEST DATE: 6/3/2012		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 1,053	WATER - BBL: 0	PROD. METHOD: FLOWING
CHOKE SIZE: 24/64	TBG. PRESS. 173	CSG. PRESS. 590	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 1,053	WATER - BBL: 0	INTERVAL STATUS: PROD

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				GREEN RIVER	1,046
				BIRD'S NEST	1,310
				MAHOGANY	1,732
				WASATCH	4,008
				MESAVERDE	6,165

36. ADDITIONAL REMARKS (Include plugging procedure)

Attached is the recompletion history and perforation report. New recompletion perms are in the Wasatch 4913'- 6089'; existing perms in Mesaverde 6601'- 8138'. The new perforations produced on 4/6/2012. An ISO plug was in the well separating new perms from existing perms; ISO plug was drilled out and the production test rates included in this report represent the existing perforations commingled with the new perforations.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) CARA MAHLER TITLE REGULATORY ANALYST
 SIGNATURE  DATE 6/19/2012

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining Phone: 801-538-5340
 1594 West North Temple, Suite 1210
 Box 145801 Fax: 801-359-3940
 Salt Lake City, Utah 84114-5801

1 General

1.1 Customer Information

Company	US ROCKIES REGION
Representative	
Address	

1.2 Well/Wellbore Information

Well	NBU 1022-13K3T RED	Wellbore No.	OH
Well Name	NBU 1022-13K3T	Wellbore Name	NBU 1022-13K3T
Report No.	1	Report Date	4/1/2012
Project	UTAH-UINTAH	Site	WHITE RIVER PAD
Rig Name/No.	ROCKY MOUNTAIN WELL SERVICE 3/3	Event	RECOMPL/RESEREVEADD
Start Date	4/1/2012	End Date	4/5/2012
Spud Date	11/12/2007	Active Datum	RKB @5,310.00usft (above Mean Sea Level)
UWI	NBU 1022-13K-3T		

1.3 General

Contractor		Job Method		Supervisor	
Perforated Assembly		Conveyed Method			

1.4 Initial Conditions

Fluid Type		Fluid Density	
Surface Press		Estimate Res Press	
TVD Fluid Top		Fluid Head	
Hydrostatic Press		Press Difference	
Balance Cond	NEUTRAL		

1.5 Summary

Gross Interval	4,913.0 (usft)-6,089.0 (usft)	Start Date/Time	4/1/2012 12:00AM
No. of Intervals	9	End Date/Time	4/1/2012 12:00AM
Total Shots	69	Net Perforation Interval	23.00 (usft)
Avg Shot Density	3.00 (shot/ft)	Final Surface Pressure	
		Final Press Date	

2 Intervals

2.1 Perforated Interval

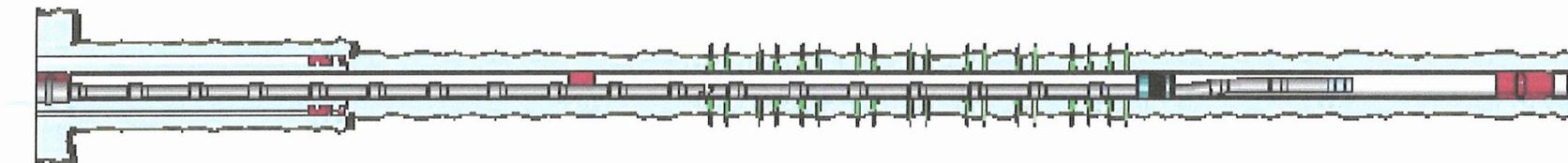
Date	Formation/Reservoir	CCL@ (usft)	CCL-T S (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/Add Shot	Diameter (in)	Carr Type /Carr Manuf	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
4/1/2012 12:00AM	WASATCH/			4,913.0	4,915.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO	N

2.1 Perforated Interval (Continued)

Date	Formation/ Reservoir	CCL@ (usft)	CCL-T S (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/ Add. Shot	Diamete r (in)	Carr Type /Carr Manuf	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
4/1/2012 12:00AM	WASATCH/			5,056.0	5,058.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
4/1/2012 12:00AM	WASATCH/			5,136.0	5,140.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
4/1/2012 12:00AM	WASATCH/			5,341.0	5,342.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
4/1/2012 12:00AM	WASATCH/			5,504.0	5,506.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
4/1/2012 12:00AM	WASATCH/			5,710.0	5,714.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
4/1/2012 12:00AM	WASATCH/			5,864.0	5,868.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
4/1/2012 12:00AM	WASATCH/			6,050.0	6,052.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
4/1/2012 12:00AM	WASATCH/			6,087.0	6,089.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	

3 Plots

3.1 Wellbore Schematic



**US ROCKIES REGION
Operation Summary Report**

Well: NBU 1022-13K3T RED

Spud Date: 11/12/2007

Project: UTAH-UINTAH

Site: WHITE RIVER PAD

Rig Name No: ROCKY MOUNTAIN WELL SERVICE
3/3

Event: RECOMPL/RESEREVEADD

Start Date: 4/1/2012

End Date: 4/5/2012

Active Datum: RKB @5,310.00usft (above Mean Sea Level)

UWI: NBU 1022-13K-3T

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
3/22/2012	12:00 - 17:00	5.00	COMP	31	I	P		MIRU, 200 PSI TBG, 400 PSI CSG R/U C & S SLICKLINE, RIH RETRIEVE PLUNGER. PUMP 20 BBLS DOWN TBG, N/D WH, N/U BOPS, UNLAND TBG, R/U SCAN TECH, POOH, SCAN 50 JTS YELLOW BAND, EOT @ 5814', 5 PM SWI, SDFN HSM, WORKING AROUND H2S
3/23/2012	7:00 - 7:30	0.50	COMP	48		P		650 PSI CSG & TBG, PUMP 20 BBLS DOWN TBG, OPEN CSG TO FBT
	7:30 - 12:00	4.50	COMP	31	I	P		EOT @ 5841' POOH SCAN TBG, L/D XN NIPPLE. SCANNED 236 JTS, 0 BAD, 236 YELLOW BAND, N/D BOPS, N/U FV. RDMO ,MIRU NBU 1022-13 O 1CS
	12:00 - 18:00	6.00	COMP	33	C	P		MIRU JW WIRELINE MAKE 3.75" GAUGE RING RUN TO 6159' POOH, P/U HALIBUTON 10K CBP, RIH SET @ 6119' POOH, RDMO WIRELINE FILL CSG W/ 80 BBLS TMAC, W/ RIG PUMP MIRU B & C QUICK TEST PSI TEST , FV, CBP, CSG, TO 1000# 15 MIN 0 LOSS 3500# 15MIN 3# LOSS 6200# 30 MIN 40#LOSS
3/28/2012	9:00 - 10:00	1.00	COMP	33	C	P		CHANGE RING GASKET BETWEEN WH& FV R/U B&C QUICKTEST, PSI TEST TO 1000# 0 LOSS 15 MIN 3500# 20 LOSS 15 MIN 6200# WENT TO 0 IN 10 MIN
	12:00 - 15:00	3.00	COMP	34	I			R/U JW WIRELINE RIH W/ GUAGE RING TO 6200', DETERMINE PLUG FELL, POOH, P/U HALB 10K CBP RIH SET @ 6119', POOH, R/D WL,
	15:00 - 16:00	1.00	COMP					MIRU B & C QUICKTEST PSI TEST CSG, FV, CBP, TO 1000# 0 LOSS 15 MIN 3500# 20 LOSS 15 MIN 6200# 20 LOSS 30 MIN R/D B&C QUICK TEST
3/30/2012	7:00 - 12:00	5.00	COMP	37		P		HELD SAFETY MEETING : CRANE SAFETY
								PERF STG 1)PU 3 1/8 EXP GUN, 23 GM, .36 HOLE SIZE. 90 DEG PHASING. RIH PERF AS PER PERF DESIGN. POOH. SWFW
4/2/2012	7:00 - 7:15	0.25	COMP	48		P		HSM, GOING OVER FRAC JOB

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 1022-13K3T RED

Spud Date: 11/12/2007

Project: UTAH-UINTAH

Site: WHITE RIVER PAD

Rig Name No: ROCKY MOUNTAIN WELL SERVICE
3/3

Event: RECOMPL/RESEREVEADD

Start Date: 4/1/2012

End Date: 4/5/2012

Active Datum: RKB @5,310.00usft (above Mean Sea Level)

UWI: NBU 1022-13K-3T

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
	7:15 - 17:19	10.07	COMP	36	B	P		<p>PERF & FRAC FOLLOWING WELL AS PER DESIGN W/ 30/50 MESH SAND & SLK WTR. ALL CBP'S ARE HALIBURTON 8K CBP'S. REFER TO STIM PJR FOR FLUID, SAND AND CHEMICAL VOLUME PUMP'D</p> <p>FRAC STG #1] WHP=276#, BRK DN PERFS=2,616#, @=4.7 BPM, INJ RT=50.6, INJ PSI=4,545#, INITIAL ISIP=1,802#, INITIAL FG=.74, FINAL ISIP=2,018#, FINAL FG=.78, AVERAGE RATE=50.8, AVERAGE PRESSURE=4,037#, MAX RATE=51.1, MAX PRESSURE=5,218#, NET PRESSURE INCREASE=216#, 21/24 88% CALC PERFS OPEN. X OVER TO WIRE LINE</p> <p>PERF STG #2] P/U RIH W/ HALIBURTON 8K CBP & PERF GUN, SET CBP @=5,744', PERF WASATCH USING 3-1/8 EXPEND, 23 GRM, 0.36" HOLE. AS PERSAY IN PROCEDURE, X OVER TO FRAC CREW</p> <p>FRAC STG #2] WHP=660#, BRK DN PERFS=4,073#, @=4.4 BPM, INJ RT=50.8, INJ PSI=4,126#, INITIAL ISIP=1,783#, INITIAL FG=.76, FINAL ISIP=1,636#, FINAL FG=.73, AVERAGE RATE=50.9, AVERAGE PRESSURE=3,902#, MAX RATE=51, MAX PRESSURE=5,114#, NET PRESSURE INCREASE=-147#, 21/21 100% CALC PERFS OPEN. X OVER TO WIRE LINE</p> <p>PERF STG #3] P/U RIH W/ HALIBURTON 8K CBP & PERF GUN, SET CBP @=5,170', PERF WASATCH USING 3-1/8 EXPEND, 23 GRM, 0.36" HOLE. AS PERSAY IN PROCEDURE, X OVER TO FRAC CREW</p> <p>FRAC STG #3] WHP=296#, BRK DN PERFS=3,147#, @=4.2 BPM, INJ RT=51, INJ PSI=3,460#, INITIAL ISIP=353#, INITIAL FG=.51, FINAL ISIP=1,586#, FINAL FG=.75, AVERAGE RATE=49.7, AVERAGE PRESSURE=3,386#, MAX RATE=51.2, MAX PRESSURE=3,953#, NET PRESSURE INCREASE=1,233#, 19/24 78% CALC PERFS OPEN. X OVER TO WIRE LINE P/U RIH W/ HALIBURTON 8K CBP, SET FOR TOP KILL @=4,863'</p> <p>TOTAL FLUID PUMP'D=2,483 TOTAL SAND PUMP'D=77,239#</p>

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-13K3T RED		Spud Date: 11/12/2007	
Project: UTAH-UINTAH		Site: WHITE RIVER PAD	Rig Name No: ROCKY MOUNTAIN WELL SERVICE 3/3
Event: RECOMPL/RESEREVEADD		Start Date: 4/1/2012	End Date: 4/5/2012
Active Datum: RKB @5,310.00usft (above Mean Sea Level)		UWI: NBU 1022-13K-3T	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
4/4/2012	7:00 - 17:00	10.00	COMP	31	I	P		MIRU, 0 PSI ON WELL, N/D WH, N/U BOPS, P/U 3 7/8" SBB, PUMP OPEN SUB, RIH W/ 155 JTS 2 3/8" J-55 TBG, TAG @ 4840' R/U PWR SWVL, PSI TEST BOPS TO 3000# BREAK CIRC CONV W/ RIG PUMP, C/O 23'SAND, D/O CBP@4863' 10 MIN, 50# KICK, 50# FCP, RIH TAG @ 5140' C/O 30' SAND, D/O CBP @ 5170' 10 MIN, 50# KICK, 100# FCP, CIRC CLEAN. 5 PM SWI, SDFN. HSM, WORKING W/ FOAM UNIT
4/5/2012	7:00 - 7:30	0.50	COMP	48		P		EOT@ 5200, 0 PSI TBG, 800# SICP, OPEN CSG TO FB TANK, RIH TAG @ 5714', R/U PWR SWVL, WFT FOAM UNIT, BRK CIRC W/ FOAM UNIT, 45 MIN, C/O 30' SAND, D/O CBP @5744', 10 MIN, 40# KICK, 400# FCP, RIH TO 6100', L/D 9 JTS, LAND @ 5838.52
	7:30 - 12:00	4.50	COMP	44	D	P		KB = 17' HANGER = .83' 185 JTS J-55 TBG = 5816.19' PUMP OPEN BIT SUB W/ 1.875" XN NIPPLE = 4.5' N/D BOPS, N/U WH, PUMP OPEN BIT @ 1500 PSI, OPEN TBG TO FB TANK. UNLOAD TBG VOL PSI TEST HAL 9000 TO 3000# W RIG PUMP. TURN WELL OVER TO FB CREW & PROD. RDMO
4/6/2012	9:00 -		PROD	50				WELL TURNED TO SALES AT 0900 AM HRS ON 4/6/2012 - 1350 MCFD, 1920 BWPD, FCP 1340#, FTP 1100#, CK 20/64

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 1022-13K3T RED		Spud Date: 11/12/2007	
Project: UTAH-UINTAH		Site: WHITE RIVER PAD	Rig Name No: ROCKY MOUNTAIN WELL SERVICE 3/3
Event: WELL WORK EXPENSE		Start Date: 4/20/2012	End Date: 5/24/2012
Active Datum: RKB @5,310.00usft (above Mean Sea Level)		UWI: NBU 1022-13K-3T	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
5/23/2012	9:00 - 15:00	6.00	PROD	31	I	P		MIRU, SPOT EQUIP, CONTROL WELL W/ 30 BBLS TMAC, NDWH, NUBOP, UNLAND TBG, POOH W/ 185 JTS 2 3/8" J-55 TBG, L/D PUMP OPEN BIT SUB, P/U 3 7/8" BIT, POBS, RERUN XN SN, RIH W/ 185 JTS TBG, SWFN.
5/24/2012	7:00 - 7:15	0.25	PROD	48		P		HSM-JSA
	7:15 - 15:00	7.75	PROD	44	C	P		P/U 2 3/8" J-55 TBG OFF FLOAT RIH TAG FILL @ 6,089', C/O 30' SAND TAG ISO PLUG @ 6,119', R/U PWR SWIVEL & WEATHERFORD FOAM UNIT, BRK CIRC C/O 30' SAND, TAG ISO PLUG @ 6,119', D/O HAL 8K CBP IN 4 MIN, 100 PSI INC, FCP 200 PSI, CONT TO P/U TBG RIH TAG FILL @ 8,015', C/O TO 8,156' TAG OLD POBS, BTM PERF @ 8,138', CIRC WELL CLEAN, R/D PWR SWIVEL, POOH L/D 26 JTS TBG, LAND W/ 234 JTS 2 3/8" J-55 TBG, EOT @ 7,385.49'. R/D FLOOR & TBG EQUIP, NDBOP, NUWH, POBS @ 1,200 PSI, R/D FOAM UNIT, SHUT IN TO BUILD PRESS, SICP 500 PSI, SITP 200 PSI, TURN OVER TO PROD. SDFN
								KB-17' HANGER-.83' 234 JTS J-55-7,365.46' POBS-2.20' EOT @ 7,385.49'
								TWTR=125 BBLS TWR=133 BBLS TWLTR=0 BBLS

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: STUO-08512-ST
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 1022-13K-3T
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047394890000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6514 9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1754 FSL 1666 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 13 Township: 10.0S Range: 22.0E Meridian: S	COUNTY: UINTAH STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/13/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="RETURN TO PRODUCTION"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE SUBJECT WELL WAS RETURNED TO PRODUCTION ON 01/13/2014.
THIS IS A CC.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 January 22, 2014

NAME (PLEASE PRINT) Kay E. Kelly	PHONE NUMBER 720 929 6582	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 1/21/2014	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
1. TYPE OF WELL Gas Well	5. LEASE DESIGNATION AND SERIAL NUMBER: STUO-08512-ST
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
PHONE NUMBER: 720 929-6456	8. WELL NAME and NUMBER: NBU 1022-13K-3T
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1754 FSL 1666 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 13 Township: 10.0S Range: 22.0E Meridian: S	9. API NUMBER: 43047394890000
	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
	COUNTY: UINTAH
	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/29/2016	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The NBU 1022-13K-3T well was returned to production on
11/29/2016.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 December 07, 2016**

NAME (PLEASE PRINT) Candice Barber	PHONE NUMBER 435 781-9749	TITLE HSE Representative
SIGNATURE N/A	DATE 12/2/2016	